

[Report of the Medical Officer of Health for Paddington].

Contributors

Paddington (London, England). Parish. Vestry.
Hardwicke, William.

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Paddington.

METROPOLIS LOCAL MANAGEMENT ACT

REPORT OF THE VESTRY

FOR THE YEAR ENDING 25TH MARCH,

1870.



Paddington.

METROPOLIS LOCAL MANAGEMENT ACT.

REPORT OF THE VESTRY

FOR THE YEAR ENDING 25TH MARCH,

1870.

REPORT OF THE

COMMISSIONERS OF THE LAND OFFICE

FOR THE YEAR ENDING 1870

WASHINGTON: BUREAU OF THE LAND OFFICE

1871

REPORT.

The following is a List of the Names and Addresses of the Vestrymen and Auditors of the several Wards, namely:

The Rev. JAMES MOORHOUSE, 57, Sussex Gardens,
Vicar of Paddington.

JOHN WILSON, Esq. 38, Norfolk Square .. } *Church-*
CHARLES MARSHALL GRIFFITH, Esq. 31, Hyde Park Square } *wardens.*

WILLIAM SMITH, Esq. 3, Celbridge Place .. *Overseer.*

WARD No. 1.

FOR ONE YEAR.

GOSLETT, WILLIAM, Esq. Marlboro' Villa, West-
bourne Villas.

MOORE, Mr. ENOCH 21, Aldridge Road Villas.

QUINTON, Mr. ISHMAEL 13, Jonson's Place.

SMITH, WILLIAM, Esq. 3, Celbridge Place.

FOR TWO YEARS.

ANSELL, Mr. GEORGE 137, Westbourne Park Road.

BRAID, CHARLES, Esq. 13, Westbourne Park Road.

CHEW, THOMAS, Esq. 15, Durham Terrace.

VIGERS, EDWARD, Esq. Tavistock Lodge, Great
Western Road.

FOR THREE YEARS.

ANDERSON, Mr. JAMES PORTER 10, Richmond Road.

DUNN, Dr. JOSEPH THOMAS HOLT .. 69, Hereford Road.

FAULKS, WILLIAM, Esq. 12, Great Western Terrace.

MACMULLEN, RICHARD HENRY

BRISTOW, Esq. 56, Talbot Road.

Auditor—CROSS, Mr. WILLIAM, 22, Jonson's Place.

WARD No. 2.*FOR ONE YEAR.*

BICKER-CAARTEN, ALFRED G. Esq..	2, Warrington Gardens.
BRETtingham, RICHARD FRESTON, Esq.	22, Carlton Road.
BURNS, REV. DR. JABEZ	17, Porteus Road.
ELLIS, WILLIAM, Esq.	40, Clifton Gardens.
MARTELLI, CHARLES HENRY ANSLEY, Esq.	22, Westbourne Square.
ROBERTS, EDWARD, Esq.	36, Blomfield Road.

FOR TWO YEARS.

COLLINS, Mr. EDWARD	47, Harrow Road.
GUTCH, GEORGE, Esq.	Porteus House, Porteus Rd.
GWYN, Mr. GEORGE	28, London Street.
HAMMOND, Mr. ROBERT	82, Harrow Road.
METCALFE, Mr. RICHARD	11, Paddington Green.
TILDESLEY, SAMUEL, Esq.	2, Iron Gate Wharf Road.

FOR THREE YEARS.

BICKER-CAARTEN, JOHN MARINUS, Esq.	4, Formosa Terrace.
CARTER, Mr. THOMAS	32, Chippenham Terrace.
GREATOREX, REUBEN COURTNEILL, Esq.	6, Upper Westbourne-Ter.
LANGHAM, THOMAS, Esq.	133, Maida Vale.
RICHARDSON, Mr. SAMUEL ..	24, Desborough Place.
URQUHART, Mr. WILLIAM	333, Edgware Road.

Auditor—CUSHEN, Mr. CHARLES JAMES, 14, Porteus Road.

WARD No. 3.*FOR ONE YEAR.*

BAYLIS, THOMAS HENRY, Esq.	5, The Terrace, Kensington Gardens Square.
EVANS, ROBERT, Esq.	48, Westbourne Park.
HALL, ARTHUR, Esq.	35, Craven Hill Gardens.
KEMSHEAD, HENRY MORRIS, Esq., J.P.	Westbourne Park.
SMITH, GEORGE JAMES PHILIP, Esq.	55, Gloucester Place.

FOR TWO YEARS.

CLARKE, HENRY DANIEL, Esq.	18, Gloucester Terrace.
ETHERINGTON, Mr. STEPHEN	18, Lancaster Street.
OATLEY, Mr. JAMES	57, Queen's Road.
PRITCHARD, THOMAS SIRRELL, Esq..	8, Gloucester Place.
ROCHE, CHARLES MILLS, Esq.	98, Gloucester Terrace.
RUSSELL, Mr. EDWARD	97, Queen's Road.

FOR THREE YEARS.

FISHER, Mr. THOMAS	24, Craven Terrace.
HOLROYD, HENRY, Esq.	14, Kensington Garden-Ter.
HUNTER, JOHN HUMPHREY, Esq.	40, Gloucester Crescent.
MARSH, Mr. EDWARD EYTON	104, Queen's Road.
MUSSON, Mr. POYNTON	68, Queen's Road.
TAYLOR, Mr. HENRY	23, Craven Terrace.

Auditor—LEWIS, Mr. WILLIAM, 2, Craven Terrace.

WARD No. 4.

FOR ONE YEAR.

BERE, MONTAGUE, Esq.	49, Norfolk Square.
DIGGLES, ROBERT, Esq.	10, Norfolk Crescent.
GLAZIER, Mr. WALTER HENRY	95, Edgware Road.
HOGG, Mr. ROBERT	9, Albion Place.
PEAKE, FREDERICK, Esq.	3, Norfolk Crescent.
SHAW, BENJAMIN, Esq.	8, Cambridge Square.
STRATTON, Mr. STEPHEN	34, Albion Street.
WYATT, HUGH PENFOLD, Esq.	18, Oxford Square.

FOR TWO YEARS.

GASELEE, Mr. SERJEANT STEPHEN	2, Cambridge Square.
GIBBON, Dr. SEPTIMUS	39, Oxford Terrace.
GRIFFITH, CHARLES MARSHALL, Esq.	31, Hyde Park Square.
HALL, Mr. RICHARD	1, Porchester Street.
PARRY, Mr. THOMAS	7, Porchester Street.
PERRY, Mr. WALTER BEAUCHAMP	11, Porchester Street.
PHILPOT, Mr. HENRY	32, Praed Street.
PRESCOTT, FREDERICK JOSEPH, Esq.	13, Oxford Square.

FOR THREE YEARS.

BAKER, SIE GEORGE, Bart.	4, Hyde Park Square.
DICKINSON, WILLIAM, Esq.	1, Queen's Gardens.
KENNAWAY, JOHN, Esq., M.P.	19, Oxford Square.
POWELL, FRANCIS SHARP, Esq.	1, Cambridge Square.
THOMSON, COLONEL JAMES	8, Norfolk Square.
TURNER, Mr. HENRY	139, Praed Street.
WILKINSON, PHILIP, Esq.	151, Edgware Road.
WILSON, JOHN, Esq.	38, Norfolk Square.

Auditor—GRICE, Mr. JOHN, 48, Cambridge Street.

The Officers of the Vestry are as follow, viz. :—

Vestry Clerk.....	FRANK DETHRIDGE.	
First Assistant	WILLIAM DAVISON.	
Second ditto	FREDERICK WALLIS.	
Third ditto	JAMES WILLIAM CUFF.	
Fourth ditto	WILLIAM JENNINGS.	
Medical Officer of Health....	WILLIAM HARDWICKE, M.D.	
Surveyor	GEORGE FREDERICK STEVENS.	
First Assistant	RIMELL GADSDEN.	
Second ditto	ARTHUR JAMES GARNER.	
Accountant	GEORGE WESTON.	
Clerk of Works (<i>Sewers</i>) ..	THOMAS WHITE.	
Ditto (<i>Roads</i>) ..	FREDERICK IRELAND RUMBLE.	
Superintendent of Stone Yard	JAMES STEVENS.	
Inspector of Nuisances.....	WILLIAM PARSONS.	
Assistant ditto	FLETCHER JOHN DAVENPORT.	
Assistant Overseer	GEORGE HARTREE.	
Collectors {	Ward 1	ROBERT CHEADLE.
	" 2 { (<i>A Divⁿ</i>)	REUBEN FARROW.
	(<i>B Divⁿ</i>)	JOHN GORDON.
	" 3	ROBERT JENKINS.
	" 4	JOHN BARRABLE.
Vestry Hall Keeper	SAMUEL HARDY.	
Beadles	{ JOSEPH DRAKE.	
	{ WILLIAM PORTER.	

THE FOLLOWING CONTRACTS HAVE BEEN ENTERED INTO, *viz.* —

DATE WHEN ENTERED INTO.	NAME.	NATURE OF CONTRACT.	PRICE.
2nd March, 1869	Messrs. Brewer & Co.	for General Sewers Work	{ At 20 per Cent. above the detailed Schedule Prices.
19th May, 1868	Mr. Edwin Tildesley ...	{ for Guernsey Granite (unbroken) } { delivered by the side of the Wharf... }	10s. 6d. per Ton.
Ditto	Ditto	for Guernsey Granite (broken)	14s. 3d. per Cubic Yard.
Ditto	Ditto	{ for ditto (broken) delivered } { on the Parish Roads	16s. 5d. per Cubic Yard.
2nd February, 1869...	Mr. John Baldwin	for Watering the Roads, A District	£ 1000.
Ditto	Ditto	for ditto B District	£ 950.
Ditto	Ditto	for Cleansing the Streets, A District	£ 2000.
Ditto	Ditto	for ditto B District	£ 1100.
Ditto	Messrs. Mowlem & Co..	for Paving	As per detailed Schedule.
Ditto	Mr. John Baldwin ...	for Carting Materials	8d. per Ton.
Ditto ...	Ditto	for Day-Work	8s. 6d. per Day.
Ditto	Mr. Wm. Studds	for Unsifted Gravel	3s. per Ton.
Ditto	Ditto	for Sifted Gravel	3s. per Ton.
Ditto	Mr. John Baldwin	for removing Dust and Ashes, A District	The Contractor to pay £ 150.
Ditto	Mr. William Mead	for ditto B District	The Contractor to pay £ 120.
Ditto	Mr. John Baldwin ...	for Working Street-Roller	{ £ 1 : 16s. per Day, for 2 Men and 4 Horses.
Ditto	Ditto	for Working Road-Scraper	{ 9s. per Day, for 1 Man and 1 Horse.

The following Rates have been levied :—

Date.	Poor.	Lighting.	General.	Sewers.	Metropolis Main Drainage.	Church.	TOTAL.
	<i>d.</i>	<i>d.</i>	<i>d.</i>	<i>d.</i>	<i>d.</i>	<i>d.</i>	<i>s. d.</i>
April Rate ...1869	13	1½	4½	2	—	—	1 9
October Rate, 1869	13½	1	5½	½	3½	—	2 0
	2s. 2½ <i>d.</i>	2½ <i>d.</i>	10 <i>d.</i>	2½	3½ <i>d.</i>	—	3s. 9 <i>d.</i>

The present Assessment of the Parish to the Poor Rate is £715,310.

The number of Borough Voters, according to the present Register, is 6625.

The number of County Voters is 67.

The number of Persons returned in the Jury List presented to the Justices of the Peace on the 28th day of September last, amounted to 3886.

During the year 25 Meetings of the Vestry, and 109 Meetings of the various Committees have been held, making a total of 134 Meetings.

The Works, Sanitary and otherwise, carried into effect during the year, appear in the Reports of the respective Officers, hereunto annexed; and such Reports are followed by the Documents required by the 198 Section of the Metropolis Local Management Act, with which Document the present Report concludes.

By Order,

FRANK DETHRIDGE,

Vestry Clerk.

VESTRY HALL;

30th July, 1870.

R E P O R T
OF THE
WORKS EXECUTED
IN THE
PAVING, LIGHTING, AND SEWERS
DEPARTMENTS.

By GEORGE F. STEVENS,
SURVEYOR.

REPORT

WORKS EXHIBITED

PAVING, LIGHTING, AND SEWERS
DEPARTMENTS.

BY GEORGE F. STEVENS.

REPORT

TO THE VESTRY OF PADDINGTON.

VESTRY HALL ;

30th June, 1870.

GENTLEMEN,

I HAVE the honour to submit to you the usual Annual Statements of Works executed, and the chief business transacted in the Paving, Lighting and Sewers Departments, during the year ending Lady-day, 1870 :—

Paving.

The Footways in various Streets, exceeding one mile, have been re-paved and widened, and otherwise greatly improved.

The Carriageways fronting Stables and Coach-houses in two Mews have been re-paved with squared stones, and rendered more convenient for the Occupiers and the Public.

The Water Channels in several Streets have been improved by paving them with squared granite.

Twelve Crossings of Streets have been paved with the best description of Granite Cubes.

Eight New Streets, or portions thereof, have been formed and paved by the Vestry under the powers of "The Metropolis Management Acts" at the cost of Owners of Houses and Land bounding or abutting on such Streets.

Additional Streets have been completed by Owners of property at their expense, and to my satisfaction, and afterwards cleansed, watered and repaired at the cost of the Vestry, which, with the previous number, make 40 miles 3 furlongs 184 yards at the present time under the control of the Vestry.

The Streets have been opened in 2318 places by Gas and Water Companies, and other parties, for the purpose of laying and repairing pipes, and effecting alterations and additions to Houses and Stables.

Lighting.

Thirty-nine additional Lamps have been erected in different parts of the Parish, making a total of 1614.

Fifteen Lamps have been removed to new positions, in order to improve the lighting of several Streets, and to accord with the footways in such places as required widening.

Buildings, Sewers and Drains.

Eighty-two Notices have been given to the Vestry for the erection of 264 Buildings; namely, 1 Church, 2 Public Schools, 1 Dairy Buildings, 217 Houses, and 43 Stables, in accordance with the 76th Section of the Act of 1855. The Orders of the Vestry in these cases have been notified to the Parties concerned.

Sixty-four Applications for the construction of Drains under the Public Roads and Footways to 109 Houses and Premises have been received, and the Works executed at the cost of Owners of Property.

Sewers in the undermentioned Streets and Places have been constructed by the Owners of Property at their expense, *viz.* :—

	feet.	ft. in	ft. in.	
Elnathan Mews	600	run of 3 . 9	by 2 . 6	whole Brick Sewer.
Saltram Crescent	2300	„	„	ditto
Road between Warwick Road West and War- wick Road North ... }	250			
Total	3150			

The estimated value of the above-mentioned Sewers, together with 3 miles 1221 yards run of drain pipes laid down, is about £3475.

Two miles eleven hundred and fifty-nine yards of Brick Sewers, in which the deposit varied from six to nine inches in depth, have been cleansed, and the hard deposit removed, at a cost to the Vestry of £78 : 7 : 5.

Five side entrances, seventeen Ventilating Shafts, and fifty-three Gulleys have been constructed and reconstructed, and forty-six Gulleys repaired in various parts of the Parish.

One hundred and seven Gulleys have been cleansed, at a cost to the Vestry of £12 : 16 : 8.

Six hundred and eighty-five distinct Works relative to the repair of Sewers and Gulleys, laying pipe drains, fixing traps, &c., have been executed, at a cost of £1056 : 15 : 1. This amount includes the sum of £457 : 15 : 3 received from Owners of Property, for fixing traps at outlets of existing Drains, constructing Gulleys, and laying Drain Pipes under Streets.

In addition to the before-mentioned Works, two hundred and twenty-five complaints have been attended to, chiefly with reference to Sewers, Gulleys, Drains and Pavements.

Re-Naming Streets and Re-Numbering Houses.

The following Orders of the Metropolitan Board of Works have been carried out in accordance with the 87th Section of the Act of 1862, except the one for Bishop's Road.

DATE OF ORDER.	LOCALITY.	SUBSIDIARY NAMES ABOLISHED.	NO. OF HOUSES RE-NUMBERED.
1869.			
May 7th.	Lancaster Mews...	... ..	62
" "	{ WestbournePark Crescent	St. Germain's Terrace...	18
July 2nd.	Monmouth Road...	Monmouth Road North	37
" "	Chichester Road...	{ Norfolk Villas, Mont- pelier Villas, West- bourneTerraceVillas	12
" "	Rudolph Road ...	{ Randolph Road, Carlton Road, Maida Vale	"
" "	Ledbury Road ...	Burlington Gardens ...	4
Oct. 15th.	Chichester Road...	{ Cornwall Terrace, Chelmsford Terrace, Chichester Villas ...	11
1870.			
Feb. 11th.	Bishop's Road.....	{ Royal Oak Terrace, Glo'ster Gardens, Westbourne Place, St. Leonard's Place, Inverness Terrace, Queen's Road (a portion)	{ A number of Houses had been re-num- bered, but the Vestry, at their Meeting on the 19th April, 1870, ordered further proceedings to be stayed.

Schedules containing the Surname of the Occupier or Owner of each House, have been sent to the

Metropolitan Board of Works, and copies of the same are kept at the Vestry Hall for the future identification of the Property.

I am,

GENTLEMEN,

Your most obedient Servant,

GEORGE F. STEVENS,

SURVEYOR.

1870.

PADDINGTON,
Middlesex.

STATEMENT IN ABSTRACT
OF THE
Parochial Accounts, Contracts & Liabilities,
FOR THE YEAR ENDING 25th MARCH, 1870;
WITH THE
REPORT OF THE AUDITORS THEREON.

ALSO
A TABULAR STATEMENT
OF THE
PRINCIPAL WORKS EXECUTED
UNDER THE DIRECTION OF THE
HIGHWAY AND SANITARY COMMITTEES.

PRINTED AND PUBLISHED FOR THE INFORMATION OF THE
RATE-PAYERS.

(By Order of Vestry,)

FRANK DETHRIDGE,
VESTRY CLERK,

[A] ACCOUNT in ABSTRACT shewing the RECEIPTS and EXPENDITURE for the PARISH of PADDINGTON, for the year ending 25th March, 1870, under the several Acts of Receipt and Expenditure, viz. :—

POOR RATE ACCOUNT.

RECEIPTS.			
	£	s.	d.
Received on account of Rates	76528	9	7½

£ 76528 9 7½

EXPENDITURE.

	£	s.	d.
Balance overpaid from last year's Account.	3136	1	5½
County Rate	8913	3	4
Police Rate	25456	19	4
Guardian Board	23000	0	0
Metropolitan Common Poor Fund	11191	12	8
Metropolitan Asylum District	391	0	5
West London School District	187	11	8
Salary	20	0	0
Collectors' Commission	904	0	8
Returning Officer	140	8	6
Sundries	158	1	10
Balance in hand	3029	9	9

£ 76528 9 7½

LIGHTING RATE ACCOUNT.

Balance in hand brought from last year's Account	650	10	7½
Received on account of Rates	7339	13	1
Balance overpaid	5	9	7½

£ 7995 13 3½

Lighting	7887	2	2
Lamp-Removals	8	8	8
Collectors' Commission	100	2	5½

£ 7995 13 3½

GENERAL RATE ACCOUNT.

Balance in hand from last year's Account ..	4456	15	1½
Received on account of Rates	28874	19	9½
" " other sources	2564	0	7

£ 35895 15

Materials	10153	8	6
Paving Works	2451	0	5
Carting and Day-Work	1009	9	6
Watering Roads	3077	9	9
Cleansing Streets	3253	18	2
Balances due to Parishioners on Paving Accounts	299	0	8
Wages to Men employed at the Wharf and on the Roads, &c.	7456	10	0
Gulley Drains in New Streets	81	13	8
Maintenance of Water Meters, New Stand Pipes, &c. .	61	1	8
Street Road-Scraper, Working Road Roller, &c.	147	16	0
Salaries	2592	8	0
Superannuation Allowances	362	6	8
Rent, Rates and Taxes	298	6	5
Collectors' Commission	347	1	5
Printing, Books, Stationery, Collectors' Rate Receipt Stamps, &c.	319	15	2
Maps of the Parish	30	0	0
Repairing Works to the Vestry Premises, Office Fittings, &c.	183	13	2
Law Expenses	334	9	0
Sundries	802	14	5
Balance in hand	2633	12	10½

£ 35895 15 5½

SEWERS RATE ACCOUNT.

	£	s.	d.
Balance in hand from last year's Account ..	1856	16	1 $\frac{1}{4}$
Received on account of Rates	7336	1	0 $\frac{1}{4}$
„ „ other sources	457	15	3
	£ 9650	12	4 $\frac{1}{2}$

	£	s.	d.
Sewers Jobbing Works	1020	13	1
Payment to the Metropolitan Board of Works	6270	7	6
Public Urinal	58	10	3
Collectors' Commission	89	13	0
Wages	124	17	0
Sundries	114	10	11
Balance in hand	1972	0	7 $\frac{1}{2}$
	£ 9650	12	4 $\frac{1}{2}$

METROPOLIS MAIN DRAINAGE RATE ACCOUNT.

Balance in hand from last year's Account ..	8868	4	9 $\frac{1}{2}$
Received on account of Rates	9859	16	11 $\frac{1}{4}$
	£ 18728	1	8 $\frac{3}{4}$

Payment to the Metropolitan Board of Works	9479	6	0
Collectors' Commission	113	16	10 $\frac{1}{2}$
Balance in hand transferred to the Metropolitan Consolidated Rate Account	9134	18	10 $\frac{1}{4}$
	£ 18728	1	8 $\frac{3}{4}$

METROPOLITAN CONSOLIDATED ACCOUNT.

Amount transferred from Metropolitan Main-Drainage Rate Account	9134	18	10 $\frac{1}{4}$
Balance overpaid	294	11	8 $\frac{3}{4}$
	£ 9429	10	7

Payment to the Metropolitan Board of Works	9429	10	7
	£ 9429	10	7

CHURCH RATE ACCOUNT.

Balance in hand from last year's Account ..	828	7	3
Received on account of Rates	2	12	3
„ „ other sources	20	14	3
	£ 851	13	9

Instalment on Church Loan	300	0	0
Interest thereon (less Property Tax)	95	7	9
Property Tax and Collectors' Commission	3	1	11
Balance in hand	453	4	1
	£ 851	13	9

[B] SUMMARY STATEMENT of CONTRACTS entered by the VESTRY of the PARISH of PADDINGTON, during the year ending on the 31st of March, 1870, namely:—

DATE WHEN ENTERED INTO.	NAME.	NATURE OF CONTRACT.	PRICE.
24th March, 1870	Mr. W. H. Kingham	General Sewers Work	At 14½ per Cent. above the detailed Schedule Prices.
31st May, 1869	Mr. F. Manuelle	Barnsey Granite (unbroken) delivered by the side of the Wharf.	10s. 2d. per Ton.
Ditto	Ditto	ditto (broken)	13s. 8d. per Cubic Yard.
Ditto	Ditto	ditto („) delivered on the Parish Roads.	15s. 4d. per Cubic Yard.
1st February, 1870	Mr. John Baldwin	Mending the Roads.—Both Districts of the Parish.	£ 2400.
Ditto	Ditto	Collecting Road Scrapings and Street Sweepings.—Both Districts of the Parish.	£ 4000.
10th March, 1870	Messrs. Mowlem & Co.....	Drainage	As per detailed Schedule.
5th March, 1870	Mr. Wm. Studds	Graveling Materials	10d. per Ton.
Ditto	Ditto	Graveling Work	7s. 6d. per Day.
Ditto	Ditto	Working Street Roller	£ 2 per Day, for 2 Men and 4 Horses.
Ditto	Ditto	Working Road Scraper.. ..	10s. per Day, for 1 Man and 1 Horse.
Ditto	Ditto	Washed Gravel.....	2s. 6d. per Ton.
Ditto	Ditto	Washed Gravel	3s. 2d. „
1st February, 1870	Mr. John Baldwin.....	Removing Dust, Ashes and Refuse, A District ..	The Contractor to receive £980.
2nd March, 1870.....	Mr. William Mead.....	ditto ditto B District ..	The Contractor to receive £950.

[C] SUMMARY STATEMENT OF MONEYS OWING TO, the VESTRY of the PARISH of PADDINGTON,
PARISH of PADDINGTON, on the 1st of March, 1870, namely:—

	£	s.	d.	£	s.	d.
Balance in Treasurer's hands—						
on "General Account".....	7335	1	11			
on "Church Rate Account"....	453	4	1			
				7788	6	0
Outstanding Rates, as nearly as can be ascertained....	9118	19	7			
				£ 16907	5	7

We, the undersigned, being the Auditors appointed under the provisions of the "Metropolis Local Management Act," for the purpose of auditing the Accounts of the Vestry of the Parish of Paddington, do state that we have audited and allowed the Accounts of the said Vestry, for the year ending 25th March, 1870, of which the foregoing Account marked [A] is an abstract. And we state that the several Contracts entered into by such Vestry during the year ending the 25th day of March, 1870, are specified in the foregoing Statement of such Contracts marked [B] And that the Moneys owing to, and the Debts and Liabilities owing and incurred by such Vestry respectively, are specified in the foregoing Statement of such Credits and Debts and Liabilities respectively marked [C]. We desire to record our testimony as to the accurate manner in which the Accounts have been kept under the superintendence of the Vestry Clerk (Mr. Frank Dethridge), and to tender him our thanks for the able assistance he has rendered us. We also state that we have made a searching investigation into the various Accounts and consider that the system adopted in keeping the same cannot fail to give every satisfaction.

CHARLES JAMES CUSHEN, *Chairman*,
JAMES CHILTON,
THOMAS THORMAN,
HENRY M. BROWN,

} *Auditors.*

31st May, 1870.

NATURE OF CONTRACT.	PRICE.
General Sewers Work	At 14½ per Cent. above the detailed Schedule Prices.
Baynsey Granite (unbroken) delivered by the side of the Wharf.	10s. 2d. per Ton.
ditto (broken)	13s. 8d. per Cubic Yard.
ditto (") delivered on the Parish Roads.	15s. 4d. per Cubic Yard.
Mending the Roads.—Both Districts of the Parish.	£ 2400.
Grading Road Scrapings and Street Sweepings.—Both Districts of the Parish.	£ 4000.
Gravel	As per detailed Schedule.
Gravel Materials	10d. per Ton.
Gravel-Work	7s. 6d. per Day.
Working Street Roller	£ 2 per Day, for 2 Men and 4 Horses.
Working Road Scraper.. ..	10s. per Day, for 1 Man and 1 Horse.
Gravel sifted	2s. 6d. per Ton.
Gravel	3s. 2d. ,,
Removing Dust, Ashes and Refuse, A District ..	The Contractor to receive £980.
ditto ditto B District ..	The Contractor to receive £950.

**TABULAR STATEMENT of the PRINCIPAL WORKS executed in the HIGHWAY DEPARTMENT,
for the Year ending 25th March, 1870.**

New Streets taken to.	Streets paved under the Metropolis Local Management Acts.	Gravel Footways paved.	Gravel Footways protected by a Granite Kerb.	Granite Crossings laid down.	Old Footways repaved.	Mews repaved.
MILE. FUR. YDS.	MILE. FUR. YDS.	MILE. FUR. YDS.	MILE. FUR. YDS.	MILE. FUR. YDS.	MILE. FUR. YDS.	MILE. FUR. YDS.
— 7 142	— 4 129	— — 115	— — 50	— — 140	1 — 164	— — 95
Total length of Parish Roads				MILES. 40	FUR. 3	YDS. 184

**TABULAR STATEMENT of the PRINCIPAL WORKS executed in the SEWERS DEPARTMENT,
for the year ending 25th March, 1870.**

New Brick Sewers constructed at the expense of the Vestry.	New Brick Sewers constructed at the expense of the Owners.	Flushing Shafts constructed at the expense of the Vestry.	Air Shafts constructed at the expense of the Owners.	Flushing Shafts constructed at the expense of the Owners.	Air Shafts constructed at the expense of the Owners.	Number of Gulleys Constructed and Reconstructed.	Cleansed.	Number of side Entrances constructed by		
								Vestry.	Owners.	
FEET. —	IN. —	FEET. 3150	—	10	—	7	53	107	—	5

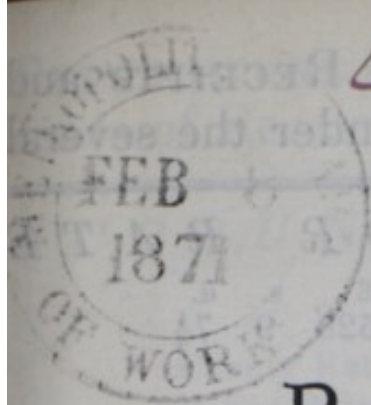
Cleansing Sewers.	Number of Drains constructed to New Houses, Stables, &c.	Total length of Drain Pipe laid to New Houses and Stables and under Footpath and Roadway.	No. of House Drains re-constructed under Footpath & Roadway.	Number of Complaints received and attended to.	Traps fixed to House Drains.
CUBE YDS. OF SOIL REMOVED. 433	264	MILES. YARDS. 3 1221	109	225	289

Total length of Sewers under the jurisdiction of the Vestry . . . 47 Miles 6 Furlongs 211 Yards.

TABULAR STATEMENT of INSPECTIONS reported and WORKS of HOUSE IMPROVEMENT
completed under the Orders of the Sanitary Committee, for the Year ending
25th March, 1870.

I. Systematic Inspections.	{	Houses inspected with reference to their Sanitary condition ...	873
		Works executed	439
		Slaughter-houses under inspection during the year.....	25
		Cow-houses ditto ditto	14
		Bakehouses ditto ditto	50
		Urinals under Inspection	62
II. Inspections consequent on Complaints . . .	{	Houses or other Premises visited	356
		Works executed	315

The above Statement does not include the Premises and Places inspected as to the execution of the 22nd, 27th, and 35th Sections of the "Sanitary Act 1866," and "The Diseases Prevention Act 1855." Vaccination Inspections have since 1868 been entrusted to the Board of Guardians.



1870.

PADDINGTON,
Middlesex.

STATEMENT IN ABSTRACT
OF THE
Parochial Accounts, Contracts & Liabilities,
FOR THE YEAR ENDING 25th MARCH, 1870;
WITH THE
REPORT OF THE AUDITORS THEREON.

ALSO
A TABULAR STATEMENT
OF THE
PRINCIPAL WORKS EXECUTED
UNDER THE DIRECTION OF THE
HIGHWAY AND SANITARY COMMITTEES.

PRINTED AND PUBLISHED FOR THE INFORMATION OF THE
RATE-PAYERS.

(By Order of Vestry,)

FRANK DETHRIDGE,

VESTRY CLERK

[A] ACCOUNT in ABSTRACT shewing the RECEIPTS and EXPENDITURE for the PARISH of PADDINGTON, for the year ending 25th March, 1870, under the several heads of Receipt and Expenditure, viz. :—

P O O R R A T E A C C O U N T .				E X P E N D I T U R E .			
RECEIPTS.							
	£	s.	d.		£	s.	d.
Received on account of Rates	76528	9	7½	Balance overpaid from last year's Account.	3136	1	5½
				County Rate	8913	3	4
				Police Rate	25456	19	4
				Guardian Board	23000	0	0
				Metropolitan Common Poor Fund	11191	12	8
				Metropolitan Asylum District	391	0	5
				West London School District	187	11	8
				Salary	20	0	0
				Collectors' Commission	904	0	8
				Returning Officer	140	8	6
				Sundries	158	1	10
				Balance in hand	3029	9	9
	£ 76528	9	7½		£ 76528	9	7½

L I G H T I N G R A T E A C C O U N T .				E X P E N D I T U R E .			
	£	s.	d.		£	s.	d.
Balance in hand brought from last year's Account	650	10	7½	Lighting	7887	2	2
Received on account of Rates	7339	13	1	Lamp-Removals	8	8	8
Balance overpaid	5	9	7½	Collectors' Commission	100	2	5½
	£ 7995	13	3½		£ 7995	13	3½

G E N E R A L R A T E A C C O U N T .				E X P E N D I T U R E .			
	£	s.	d.		£	s.	d.
Balance in hand from last year's Account ..	4456	15	1½	Materials	10153	8	6
Received on account of Rates	28874	19	9½	Paving Works	2451	0	5
" " other sources	2564	0	7	Carting and Day-Work	1009	9	6
				Watering Roads	3077	9	9
				Cleansing Streets	3253	18	2
				Balances due to Parishioners on Paving Accounts	299	0	8
				Wages to Men employed at the Wharf and on the Roads, &c.	7456	10	0
				Gulley Drains in New Streets	81	13	8
				Maintenance of Water Meters, New Stand Pipes, &c..	61	1	8
				Street Road-Scraper, Working Road Roller, &c.	147	16	0
				Salaries	2592	8	0
				Superannuation Allowances	362	6	8
				Rent, Rates and Taxes	298	6	5
				Collectors' Commission	347	1	5
				Printing, Books, Stationery, Collectors' Rate Receipt Stamps, &c.	319	15	2
				Maps of the Parish	30	0	0
				Repairing Works to the Vestry Premises, Office Fittings, &c.	183	13	2
				Law Expenses	334	9	0
				Sundries	802	14	5
				Balance in hand	2633	12	10½
	£ 35895	15	5		£ 35895	15	5½

SEWERS RATE ACCOUNT.

	£	s.	d.
Balance in hand from last year's Account ..	1856	16	1 $\frac{1}{4}$
Received on account of Rates	7336	1	0 $\frac{1}{4}$
„ „ other sources	457	15	3
	£ 9650	12	4 $\frac{1}{2}$

	£	s.	d.
Sewers Jobbing Works	1020	13	1
Payment to the Metropolitan Board of Works	6270	7	6
Public Urinal	58	10	3
Collectors' Commission	89	13	0
Wages	124	17	0
Sundries	114	10	11
Balance in hand	1972	0	7 $\frac{1}{2}$
	£ 9650	12	4 $\frac{1}{2}$

METROPOLIS MAIN DRAINAGE RATE ACCOUNT.

Balance in hand from last year's Account ..	8868	4	9 $\frac{1}{2}$
Received on account of Rates	9859	16	11 $\frac{1}{2}$
	£ 18728	1	8 $\frac{3}{4}$

Payment to the Metropolitan Board of Works	9479	6	0
Collectors' Commission	113	16	10 $\frac{1}{2}$
Balance in hand transferred to the Metropolitan Consolidated Rate Account	9134	18	10 $\frac{1}{4}$
	£ 18728	1	8 $\frac{3}{4}$

METROPOLITAN CONSOLIDATED RATE ACCOUNT.

Amount transferred from Metropolitan Main-Drainage Rate Account	9134	18	10 $\frac{1}{4}$
Balance overpaid	294	11	8 $\frac{3}{4}$
	£ 9429	10	7

Payment to the Metropolitan Board of Works	9429	10	7
	£ 9429	10	7

CHURCH RATE ACCOUNT.

Balance in hand from last year's Account ..	828	7	3
Received on account of Rates	2	12	3
„ „ other sources	20	14	3
	£ 851	13	9

Instalment on Church Loan	300	0	0
Interest thereon (less Property Tax)	95	7	9
Property Tax and Collectors' Commission	3	1	11
Balance in hand	453	4	1
	£ 851	13	9

[B] SUMMARY STATEMENT of CONTRACTS entered by the VESTRY of the PARISH of PADDINGTON, during the year ending on the 31st day of March, 1870, namely:—

DATE WHEN ENTERED INTO.	NAME.	NATURE OF CONTRACT.	PRICE.
24th March, 1870	Mr. W. H. Kingham	General Sewers Work	At 14½ per Cent. above the detailed Schedule Prices.
31st May, 1869	Mr. F. Manuelle	Guernsey Granite (unbroken) delivered by the side of the Wharf.	10s. 2d. per Ton.
Ditto	Ditto	ditto (broken)	13s. 8d. per Cubic Yard.
Ditto	Ditto	ditto („) delivered on the Parish Roads.	15s. 4d. per Cubic Yard.
1st February, 1870	Mr. John Baldwin	Watering the Roads.—Both Districts of the Parish.	£ 2400.
Ditto	Ditto	Carting Road Scrapings and Street Sweepings.—Both Districts of the Parish.	£ 4000.
10th March, 1870	Messrs. Mowlem & Co.	Paving	As per detailed Schedule.
5th March, 1870	Mr. Wm. Studds	Carting Materials	10d. per Ton.
Ditto	Ditto	Day-Work	7s. 6d. per Day.
Ditto	Ditto	Working Street Roller	£ 2 per Day, for 2 Men and 4 Horses.
Ditto	Ditto	Working Road Scraper	10s. per Day, for 1 Man and 1 Horse.
Ditto	Ditto	Unsifted Gravel	2s. 6d. per Ton.
Ditto	Ditto	Sifted Gravel	3s. 2d. „
1st February, 1870	Mr. John Baldwin	removing Dust, Ashes and Refuse, A District ..	The Contractor to receive £980.
2nd March, 1870	Mr. William Mead	ditto ditto B District ..	The Contractor to receive £950.

[C] SUMMARY STATEMENT of MONEYS OWING TO, ASSETS and LIABILITIES OWING BY, the VESTRY of the PARISH of PADDINGTON, on the 1st of March, 1870, viz. :—

	£	s.	d.	£	s.	d.
Balance in Treasurer's hands—						
on "General Account".....	7335	1	11			
on "Church Rate Account"....	453	4	1			
				7788	6	0
Outstanding Rates, as nearly as can be ascertained....				9118	19	7
				£ 16907	5	7

	£	s.	d.
Guardian Board	8500	0	0
Metropolitan Asylum District Rate	782	0	10
County Rate	2876	14	0
Salaries	605	15	0
Commission	435	15	0
Rent of Wharf	54	14	2
Rent of Engine Station	9	11	8
Superannuation Allowance	85	1	8
Sundries	59	17	0
	£ 13409	9	4

We, the undersigned, being the Auditors appointed under the provisions of the "Metropolis Local Management Act," for the purpose of auditing the Accounts of the Vestry of the Parish of Paddington, do state that we have audited and allowed the Accounts of the said Vestry, for the year ending 25th March, 1870, of which the foregoing Account marked [A] is an abstract. And we state that the several Contracts entered into by such Vestry during the year ending the 25th day of March, 1870, are specified in the foregoing Statement of such Contracts marked [B]. And that the Moneys owing to, and the Debts and Liabilities owing and incurred by such Vestry respectively, are specified in the foregoing Statement of such Credits and Debts and Liabilities respectively marked [C]. We desire to record our testimony as to the accurate manner in which the Accounts have been kept under the superintendence of the Vestry Clerk (Mr. Frank Dethridge), and to tender him our thanks for the able assistance he has rendered us. We also state that we have made a searching investigation into the various Accounts and consider that the system adopted in keeping the same cannot fail to give every satisfaction.

CHARLES JAMES CUSHEN, *Chairman*,
JAMES CHILTON,
THOMAS THORMAN,
HENRY M. BROWN,
} *Auditors.*
31st May, 1870.

	Original Debt.	Rate of Interest.	Paid off this year.	Total paid off.	Remaining unpaid.
Church Debt	6000	5 per Cent.	300	4200	1800
Workhouse Debt....	25500	4 „	450	22800	2700
Do. (further)	4500		150	150	4350
Do. do.	5000		—	—	5000
Burial Board Debt ..	16600	5 „	300	15150	1450

**TABULAR STATEMENT of the PRINCIPAL WORKS executed in the HIGHWAY DEPARTMENT,
for the Year ending 25th March, 1870.**

New Streets taken to.	Streets paved under the Metropolis Local Management Acts.			Gravel Footways paved.			Gravel Footways protected by a Granite Kerb.			Granite Crossings laid down.			Old Footways repaved.			Mews repaved.		
MILE. FUR. YDS.	MILE.	FUR.	YDS.	MILE.	FUR.	YDS.	MILE.	FUR.	YDS.	MILE.	FUR.	YDS.	MILE.	FUR.	YDS.	MILE.	FUR.	YDS.
— 7 142	—	4	129	—	—	115	—	—	50	—	—	140	1	—	164	—	—	95
Total length of Parish Roads										MILES.	FUR.	YDS.						
										40	3	184						

**TABULAR STATEMENT of the PRINCIPAL WORKS executed in the SEWERS DEPARTMENT,
for the year ending 25th March, 1870.**

New Brick Sewers constructed at the expense of the Vestry.		New Brick Sewers constructed at the expense of the Owners.		Flushing Shafts constructed at the expense of the Vestry.	Air Shafts constructed at the expense of the Owners.	Flushing Shafts constructed at the expense of the Owners.	Air Shafts constructed at the expense of the Owners.	Number of Gulleys Constructed and Reconstructed.		Cleansed.	Number of side Entrances constructed by Vestry. Owners.	
FEET.	IN.	FEET.										
—	—	3150		—	10	—	7	53	107		—	5
Cleansing Sewers.		Number of Drains constructed to New Houses, Stables, &c.		Total length of Drain Pipe laid to New Houses and Stables and under Footpath and Roadway.		No. of House Drains re-constructed under Footpath & Roadway.		Number of Complaints received and attended to.		Traps fixed to House Drains.		
CUBE YDS. OF SOIL REMOVED.				MILES.	YARDS.							
433		264		3	1221	109		225		289		

TABULAR STATEMENT of INSPECTIONS reported and WORKS of HOUSE IMPROVEMENT
 completed under the Orders of the Sanitary Committee, for the Year ending
 25th March, 1870.

I. Systematic Inspections.	{	Houses inspected with reference to their Sanitary condition ...	873
		Works executed	439
		Slaughter-houses under inspection during the year.....	25
		Cow-houses ditto ditto	14
		Bakehouses ditto ditto	50
		Urinals under Inspection	62
II. Inspections consequent on Complaints . . .	{	Houses or other Premises visited	356
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The above Statement does not include the Premises and Places inspected as to the execution of the 22nd, 27th, and 35th Sections of the "Sanitary Act 1866," and "The Diseases Prevention Act 1855." Vaccination Inspections have since 1868 been entrusted to the Board of Guardians.

completes under the Order of the Senate and to establish the Senate Committee for the year ending

1881, March 15

178	to the Senate	to the Senate
179	to the Senate	to the Senate
180	to the Senate	to the Senate
181	to the Senate	to the Senate
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198	to the Senate	to the Senate
199	to the Senate	to the Senate
200	to the Senate	to the Senate

to the Senate and to the Senate Committee for the year ending 1881, March 15

to the Senate and to the Senate Committee for the year ending 1881, March 15



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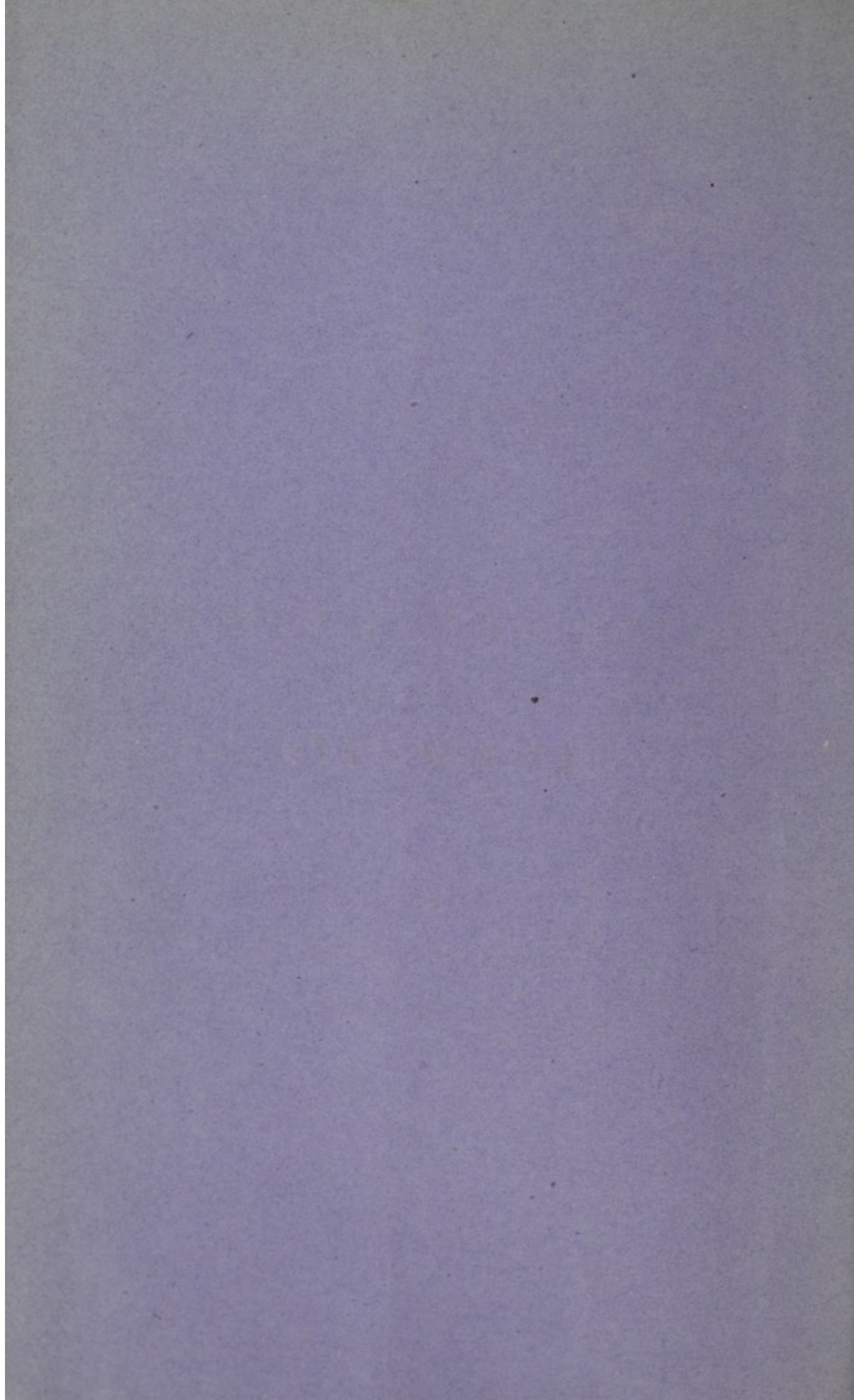
Paddington.

SANITARY REPORT
FOR THE YEAR
1869-70.

BY

WM. HARDWICKE, M.D.,

Medical Officer of Health.



CONTENTS.

Paddington.

SANITARY REPORT

FOR THE YEAR

1869-70.

BY

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Medical Officer of Health.

CONTENTS.

1. STATISTICS. Births and Deaths, Zymotic Diseases, Mortality under 5 years of age, Mortality from Tubercular Diseases.
2. Systematic Sanitary Inspection, and abatement of Overcrowding, and Table of Inspections of Mews and Stables.
3. The Epidemic of Scarlet Fever.
4. Sanitary Works Executed.
5. The Water supply of Paddington.
6. The Periodical Examination of Milk in Paddington.
7. Public Baths and Washhouses.
8. A Public Disinfecting Establishment.
9. Workshops Regulation Act.
10. Adulteration of Food.
11. Dead House or Mortuary Register.
12. Meat, Fish and Fruit destroyed.
13. The Fever Ambulance.
14. Miscellaneous. Appendix.

REPORT

TO THE VESTRY OF PADDINGTON.

VESTRY HALL ;

July 12, 1870.

GENTLEMEN,

In presenting you my Third Annual Report, I have ventured to use the privilege of my Office, to bring before you matters which I trust will commend themselves to your attention as bearing upon the Sanitary welfare of the population in this Parish.

TABLE I.

The following Table shows the numbers of Births and Deaths during the last 4 Quarters :—

Quarter ending	Births.		Deaths.		Excess of Births over Deaths.	
	Total.	No. per 1000.	Total.	No. per 1000.	Total.	No. per 1000.
June 26th, 1869	641	25.2	429	16.8	212	8.4
Sept. 25th, 1869	635	25.2	436	17.2	199	8.0
Jan. 2nd, 1870	726	28.8	460	18.0	266	10.8
April 2nd, 1870	718	28.4	572	22.4	146	6.4
Per Annum	2720	26.9	1897	18.6	823	8.3

TABLE II.

The following Table shows the Annual, Quarterly, and Comparative Mortality from Zymotic Diseases :—

Causes of Death.	April, May, June.	July, August, Septem.	October, Novem. Decem.	January, February March.	In the Year.	Comparative Mortality in 1000 population.	
						In London.	In Paddington.
Small Pox & Varicella	...	...	1	...	1	..	0.009
Measles	3	3	9	10	25	..	0.24
Scarlatina	26	34	44	31	135	..	1.34
Diphtheria, &c.	2	1	4	2	9	..	0.08
Whooping Cough.....	19	4	8	22	53	..	0.52
Typhus, Typhoid, &c.	10	12	8	16	46	..	0.45
Pyæmia, Erysipelas...	10	...	4	4	18	..	0.17
Diarrhœa, Choleric } Diarrhœa, and Dysentery	7	43	16	16	82	..	0.81
TOTALS	77	97	94	101	369	4.0	3.619

TABLE III.

The following Table shows the Annual, Quarterly, and Comparative Mortality among Children under 5 years of age :—

Causes of Death	April, May, June.	July, August, Septem.	October, Novem. Decem.	January, February March.	In the Year.	Comparative Mortality in 1000 living.	
						In London.	In Paddington.
Small Pox & Varicella	...	...	...	...	...	..	...
Measles	3	3	9	10	25	0.49	0.24
Scarlatina	18	27	23	20	88	0.61	0.87
Diphtheria, Croup, &c.	3	1	2	5	11	0.05	0.10
Whooping Cough ...	19	5	8	22	54	0.83	0.53
Erysipelas.....	3	...	2	2	7	..	0.06
Fevers. Infantile, &c.	..	2	...	1	3	0.18	0.02
Diarrhœa, Cholera, &c.	6	43	11	6	66	0.89	0.65
Respiratory Organs...	26	15	32	61	134	1.87	1.33
Tubercular Diseases .	24	40	31	30	125	1.09	1.24
Nervous System	19	11	9	9	48	0.61	0.47
Violent Deaths	8	7	4	6	25	0.20	0.24
Other Diseases.....	26	41	31	34	132	1.62	1.33
TOTALS	155	195	162	162	718	8.44	7.08

TABLE IV.

The following Table shows the Annual, Quarterly, and Comparative Mortality from Tubercular Class of Diseases :—

Tubercular Diseases.	April, May, June.	July, August, Septem.	October, Novem. Decem.	January, February March.	In the Year.	Comparative Mortality in 1000 population.	
						In London.	In Paddington.
Scrofula, Tuberculosis, Tabes Messenterica & Marasmus	18	26	17	16	77	1.10	0.76
Hæmoptysis Consumption..... Tubercular Pneumonia	58	52	46	44	200	2.89	1.98
Hydrocephalus, and Scrofulous Meningitis }	12	9	12	12	45	0.59	0.44
TOTALS	88	87	75	72	322	4.58	3.18

The following table shows the annual mortality from Zymotic diseases for the last 4 years, and for each quarter of the past year ending April 2, 1870.

	1866-67.	1867-68.	1868-69.	1869-70—Quarterly				TOTAL.
				1	2	3	4	
Small Pox	20	4	3	...	...	1	...	1
Measles	31	76	20	3	3	9	10	25
Scarlet Fever	56	31	46	26	34	44	31	135
Diphtheria	25	16	24	2	1	4	2	9
Whooping Cough..	60	82	44	19	4	8	22	53
Erysipelas, &c. ..	14	26	24	10	0	4	4	18
Fever, &c.	28	51	57	10	12	8	16	46
Diarrhœa	108	88	107	7	43	16	11	77
	342	374	325	77	97	94	96	364

The number of deaths from this cause last year is 374 ; the average of 4 years would be 352. The localities and streets in which these deaths occur are shown in my Quarterly Reports.

When we consider the annual increase of population, this is highly satisfactory to find the Zymotic forms of disease do not increase in proportion ; and had not the Scarlet Fever epidemic intervened, there would have been a very great diminution in this preventible class of diseases.

Systematic House to House Inspections.

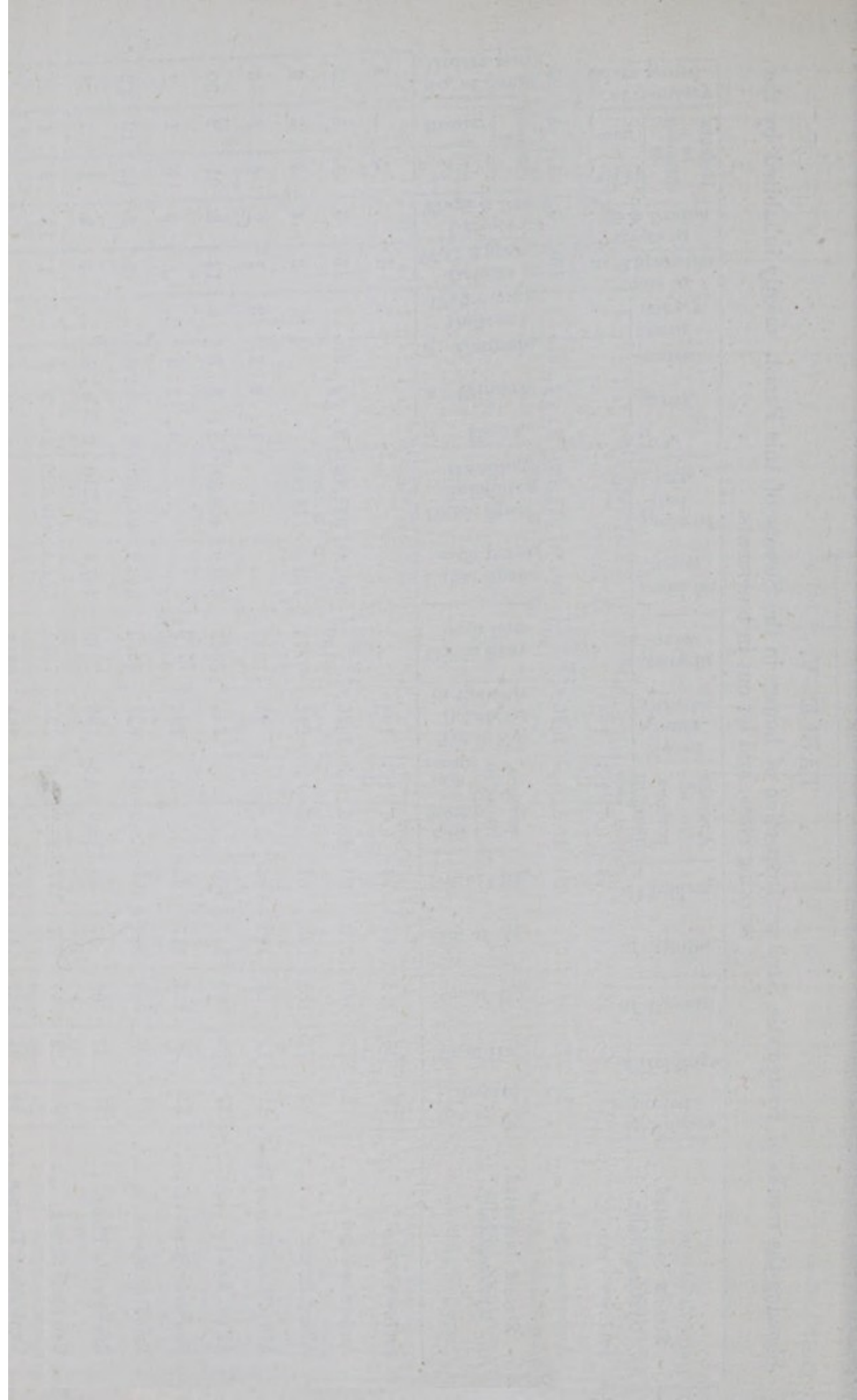
The materials accumulated by systematic house to house inspection are now of great value and interest as a study of the condition of streets and houses sublet and occupied by weekly lodgers. The issue of some thousands of sanitary orders during the last few years, many of which are for constructive work, must have had the effect of lessening the discomfort and dangers to which the working population in these streets are exposed. The death-rate is however very high in the tenant house population generally ; not from any neglect of local authority in this Parish, but from causes inherent in the people themselves. Much time and zealous effort to train and teach people sanitary and social economy will have to be spent before they learn to husband the resources necessary for keeping themselves in health, strength or comfort. Want of space for breathing or overcrowding is the worst evil they have to contend against, and it is the most difficult to deal with ; except, perhaps, intemperance, which too often acts both as a cause and an aggravation of the mischief. An average cubic space for each individual of a family consisting of man, wife, and three to five children, living in a single room, is in some instances less than 200 feet, while 400 or 500 are necessary. It may easily be imagined when the doors and windows of houses are closed at night, how readily the air is polluted—even rendered poisonous by rebreathing.

PARISH OF PADDINGTON.

TABLE V.

Showing the results of Systematic Sanitary Inspection of houses in the Streets of this Parish mostly inhabited by the working class, and let out in tenements.

Streets Inspected Systematically.	No. of Houses Inspected.	No. of Holdings.	No. of Rooms.	No. of Adults.	No. of Children.	Average No. of persons living in each house.	Total No. of Inhabitants in the Streets.	Coldest Space in each house.	Coldest Space for each person.	Coldest Space of inhabited Dwellings.	No. of Windows.	No. of Windows in Chasing.	Defects in Water supply.	Defects in W.C. Apparatus.	Defects in Drainage.	Defects in Chimneys.	No. of Sanitary Orders issued.		
Anderson Place	19	45	108	88	76	8.6	1.5	164	...	...	...	...	1	1	2	...	4	
Amberley Road	72	271	566	512	423	13.9	1.2	1005	11,269	907.9	911,920	3. 14. 9	1	13	6	1	5	20	
Albert Street	22	82	132	145	67	9.6	1.6	212	6773	702.8	149,000	...	...	3	4	3	9	
Alfred Place (Barrow Road)	11	37	22	29	36	...	...	65	1840	...	...	1. 2. 2	3	1	2	4	2	3
Alfred Road	57	180	399	347	238	...	...	585	7063	684.9	402,591	2. 3. 7	3	14	8	21	2	30
Bourne Street	15	81	122	117	63	...	...	180	7772	6400	...	3. 13. 8	...	...	5	9	1	7
Brinsley Street	41	205	380	336	291	10.2	1.6	627	6650	646.8	605,650	2. 8. 6	...	6	8	13	19	12	
Brithwaite Place	11	48	66	87	46	12.6	2.6	133	5849	407.7	64,240	2. 8. 6	...	4	2	1	...	6	
Campbell Street	24	28	117	257	177	12.7	2.0	434	7333	574.4	249,322	2. 8. 6	...	1	13	5	4	...	
Canterbury Terrace	24	81	121	147	144	12.1	...	291	9815	...	...	2. 12. 8	...	...	...	...	...	...
Cambridge Place	12	47	94	86	43	...	...	129	9807	...	...	3. 11. 8	...	2	2	1	1	...
Caroline Place	45	79	189	154	134	...	...	278	3906	652.6	182,436	2. 4. 4	3	20	24	15	2	...
Carlton Terrace	9	38	72	37	29	...	...	66	5408	737.3	48,672	3. 10. 8	...	1	...	2	8	5
Carlton Place	16	28	66	51	37	...	...	158	6024	...	...	2. 2. 2	...	3	...	2	...	5
Cuthbert Street	20	76	160	180	76	9.8	1.3	256	7353	746.7	19,078	2. 8. 6	...	1	5	6	4	2	
Crompton Street	22	65	113	155	67	8.0	1.6	222	5744	694.2	126,248	2. 9. 7	...	1	6	3	3	14	
Church Place	17	76	104	142	34	...	...	226	5375	419.3	...	2. 8. 6	...	5	2	6	19	11
Charlotte Place	9	12	24	29	32	6.7	2.5	61	3351	346.5	21,129	2. 4. 4	...	1	...	1	...	2	
Chapel Side	10	14	28	26	27	...	...	53	...	597.9	789,264	...	...	5	...	2	3	5
Clarendon Street	87	375	783	716	604	15.1	1.6	1320	9072	...	...	3. 11. 8	1	16	12	3	17	30
Clement Street	97	603	779	785	592	14.1	1.7	1375	8814	621.8	854,978	3. 10. 8	2	16	43	...	29	47	
Clarendon Terrace	16	61	128	120	60	11.2	...	180	11,270	...	180,329	3. 12. 8	...	...	1	4	...	8
Darlington Terrace	17	74	156	169	120	15.4	1.9	269	9297	586.3	157,733	3. 10. 8	...	3	6	2	7	9	
Deborah Terrace	14	47	84	90	67	...	...	157	7084	...	...	2. 9. 7	1	3	2	5	3	8
Dashborough Street	17	69	78	89	74	9.5	2.0	163	7832	821.0	123,124	2. 9. 6	...	2	6	7	5	13	
Dove Cottages	6	29	32	35	29	...	...	64	...	263.84	...	...	...	...	...	...	...	...
Dudley Street	20	71	104	139	96	...	...	235	3258	369.4	...	2. 5. 4	...	9	6	2	2	13
Edgware Place	12	46	70	82	83	...	...	165	5765	...	...	...	...	7	5	6	5	5
Elmo Place	9	15	36	27	28	...	...	55	3389	546.4	20,069	2. 4. 4	3	6	2	7	...	8
Emily Street	11	39	88	110	63	15.7	1.9	173	11,684	721.8	138,824	3. 9. 8	...	2	2	...	12	12	
Francis Street	7	18	41	31	22	...	...	53	6640	3320	...	2. 9. 7	1	...	1	...	...	2
Green Street	15	31	100	58	42	7.0	...	100	4380	...	...	...	...	...	...	...	...	...
Hall Place	116	370	694	712	451	10.0	1.6	1163	6928	6360	237,820	2. 10. 6	2	23	10	18	4	45	
Hall Place (West)	8	12	32	29	15	5.5	1.3	44	4224	768.0	33,792	2. 6. 5	...	4	3	2	...	4	
Harborough Street	13	57	112	115	75	13.3	1.6	190	11,115	874.8	187,469	3. 11. 8	...	3	3	3	6	...	
Hampden Street	78	268	479	529	368	...	...	847	6928	677.4	540,384	2. 8. 6	2	7	14	8	29	50
Hornage Street	25	69	105	123	69	...	...	183	3329	319.5	...	...	...	1	1	3	...	2
Hutcheon Street	47	187	297	331	192	11.5	1.8	543	6936	606.3	325,992	2. 8. 6	...	...	15	5	2	39
Hewell Street	21	68	118	121	78	9.4	1.6	199	7149	744.3	146,129	3. 10. 8	...	2	3	5	3	12	
Isleworth Wharf Road	8	24	44	72	32	1.3	2.3	104	5033	...	35,323	...	...	2	...	2	2	5
Junction Place	4	17	24	21	11	...	...	32	...	...	...	3. 7. 9	...	2	...	2	...	...
John Street	13	50	82	47	61	...	...	103	3935	496.4	55,129	2. 4. 4	...	8	1	...	5	8
Kent's Place	8	25	54	63	65	...	...	128	6779	4549	...	...	...	4	...	3	8	...
Leach Place	10	7	23	19	5	2.4	...	24	3142	...	Chimney 18,852	2. 4. 3	1	1	...	2	1	5	
Market Street	64	175	369	329	165	494	5921	7422	...	2. 4. 3	...	2	9	7	13	7	39
Moscow Road	75	139	393	299	187	...	...	486	9468	...	...	2. 8. 6	...	...	6	...	3	20
Natley Street	19	85	122	163	190	18.5	2.3	353	14,112	759.5	268,128	3. 11. 8	...	6	2	...	1	6	
Newland Row	7	12	28	25	31	...	...	56	...	...	...	8. 26. 20	...	...	...	3	5	...
North Wharf Road	45	139	212	284	170	7.18	1.6	454	4224	764.5	121,635	2. 6. 3	1	11	4	11	8	35	
Orchard Street	8	28	57	48	47	...	...	95	...	...	...	2. 4. 2	...	2	...	...	...	...
Pickering Place	47	182	306	263	121	...	...	384	6229	50,666	...	2. 9. 6	...	10	1	6	...	14
Philip Terrace	12	59	102	129	57	15.5	1.8	186	12,712	820.1	152,544	2. 11. 8	...	4	4	10	7	15	
Poplar Place	13	17	32	35	25	...	...	60	...	...	...	...	1	2	2	1	...	2
Portdown Place	5	13	25	25	22	9.5	1.8	47	...	...	...	...	...	1	...	...	1	...
Randolph Road	14	51	130	104	80	13.1	1.4	184	14,696	1117.4	205,604	3. 10. 8	...	3	6	2	7	9	
Sale Street	27	103	187	193	101	...	...	294	...	...	...	1. 3. 2	1	3	1	4	1	7
Salem Gardens	21	71	94	129	174	...	...	203	4050	650.5	125,550	...	3	13	14	8	5	21
Senior Street	39	171	322	329	223	14.1	1.7	552	18,575	768.3	424,325	3. 10. 8	...	13	10	3	13	28	
South Wharf Road	28	173	91	91	162	...	...	253	4144	...	...	2. 7. 6	1	2	5	7	...	10
Stallan Street	15	57	129	111	62	11.5	1.4	173	16,477	898.8	155,655	3. 10. 8	...	2	5	2	12	13	
Stanley Street	23	86	168	671	292	...	...	243	12,640	...	...	2. 11. 8	...	...	...	...	...	...
Star Street	86	360	678	671	202	...	...	873	24,007	...	...	2. 5. 2	...	10	14	31	...	36
Titchborne Row	12	24	44	41	44	...	...	85	3923	...	...	2. 6. 4	1	7	3	5	...	11
Union Place	23	57	79	103	84	...	...	184	3398	...	...	...	...	1	10	4	2	12
Victoria Place	27	62	108	121	78	...	...	190	4554	...	...	1. 5. 4	1	2	4	16	1	15
Victoria Street	25	89	159	147	84	9.2	1.5	231	6887	743.3	173,175	...	3	6	3	3	8	...	
Vine Cottages	5	6	10	14	14	...	...	28	1760	...	...	1. 2. 2	...	2	2	2	3	5
Warley Terrace	4	14	28	20	31	...	...	51	6927	...	...	3. 8. 7	...	1	1	1	1	1
Warley Road	69	197	513	633	342	...	...	775	6929	7120	...	3. 8. 8	7	17	9	22	...	48
Willing's Place	13	38	64	77	63	...	...	140	4322	...	...	...	4	4	3	6	6	10
Woolhouse Park Road	23	110	180	201	58	...	...	259	4070	11,023	...	2. 6. 4	...	3	6	2	1	8
Winder Place	13	19	32	28	56	...	...	94	...	...	...	...	...	1	...	...	3	...
White Lion Passage	10	7	16	22	9	...	...	31	1309	...	...	2. 2. 2	...	2	5	2	4	5
Winder Gardens	14	26	56	50	43	...	...	98	3953	579.3	...	2. 4. 4	...	6	3	...	5	6
White Lion Place	13	33	48	64	47	...	...	121	2164	...	...	2. 5. 4	...	2	1	2	...	4
Woolhouse Street	38	263	792	747	694	12.3	1.7	1321	8030	562.4	759,908	3. 10. 8	4	13	12	13	22	38	
Woodfield Road	57	77	190	145	130	...	...	275	...	...	...	...	1	10	8	23	4	28
Woodfield Place	21	101	238	199	120	...	...	249	7871	699.1	244,001	2. 8. 6	...	7	...	...	5	8
York Row	11	27	48	60	47	...	...	87	4234	...	...	2. 7. 5	1	2	4	2	...	4



I am prepared to give details of two cases that came to my notice within this year, in which Inquests were held, where death, according to Medical testimony had been accelerated, if not caused solely by the want of vital air for respiration.

Many families are living happily on their limited means, paying 3s. 6d. or 4s. a-week rent for a kitchen in a clean and respectable house. It is a puzzle to me to know what to do with a family so circumstanced, and more so, if the people are dirty in their habits, and if Scarlatina or Measles break out with one of the children. They cannot be treated as paupers.

The extent to which overcrowding has been abated in some streets of this parish may be demonstrated by comparing returns of former inspections with the most recent one.

Streets and Places.	Houses under Inspection.	Popula- tion.	Holdings	Rooms.	In each Room.
Courts of Harrow Road—1865	29	224	76	..	3 . 0
„ „ 1869	29	214	56	80	2 . 6
Brindley Street ....1865-66	63	1260	250	360	3 . 5
„1868	61	627	205	380	1 . 6
Salem Gardens .....1865	34	357	79	..	..
„1868	31	193	71	94	..
North Wharf Road....1865	49	592	..	190	3 . 3
„ „1869	48	439	139	215	2 . 0
Union Place.....1865	23	160	40	70	2 . 3
„ „1869	23	187	57	70	2 . 6
Dudley Street . ....1865	27	330	..	98	3 . 3
„ „1868	25	235	71	104	2 . 2
Church Place .....1865	22	366	..	128	2 . 8
„ „1868	17	220	76	104	2 . 1

These are the most densely populated Streets in the Parish of Paddington.

The Epidemic of Scarlet Fever.

An epidemic of Scarlet Fever has been prevalent more or less in all parts of the Metropolis during the last 18 months; and it has scarcely yet subsided. Paddington has severely suffered. In the details here appended, I have shown its progress, and the distribution of fatal cases, and as far as the limited space at my command will permit I will endeavour to point out some matters of interest relative to its propagation, with the best methods of checking its ravages amongst the community.

The large annual loss of life in this country from Scarlet Fever, and its frequent occurrence as an epidemic, are matters of sufficient public concern to render any contribution acceptable to those who are entrusted with the administration of laws relating to public health.

The total mortality during the last 18 months is shown in the following table:—

1868.	1869.				1870.
October ... 8	January 4	July 6			
	February ...	August 15	January ... 13		
November.. 11	March 4	September... 21	February... 7		
	April 11	October 13			
December.. 4	May 7	November... 16	March 11		
	June 10	December ... 14			

It is singular that the mortality is much higher in boys: out of 102 cases, 64 are boys, 38 girls.

I have no means of knowing the exact proportion of fatal cases to the whole number of persons attacked with the disease; but I have been accustomed to believe that about one death happens in every ten cases of the disease. My Colleague in Marylebone,

Dr. Whitmore, estimates the fatal cases much higher. According to my estimate of persons attacked, there would have been one thousand seven hundred and fifty cases of Scarlatina during eighteen months in this Parish, and I have no reason to believe this to be an exaggeration. The largest number of fatal cases are at the ages of above one year and under five years.

According to the class of families where this disease has appeared, it seems to have had no special relation, to the conditions of destitution and poverty ; the rich, the middle class, and poor have suffered alike. Sanitary defects in house construction and ventilation, smells and malaria from drains, do not appear to have had any perceptible influence upon the course of this malady.

Houses were again and again inspected without either discovering any sanitary defects at all, or such as were common to all or any other dwelling in the same street. One thing only was notably certain, its contagious and spreading character ; the disease had either extended itself from one to others in the same house, or was imported into the house from a school, or a house where other cases existed. There was seldom any difficulty in thus tracing the origin of the disease. On the very border of this Parish, but in two adjoining parishes, two instances occurred showing the sad havoc of this disease in large families. In one family five deaths occurred in succession ; in another four ; all were in children supposed to be previously strong and healthy.

The following is a list of streets or districts where more than one death has been recorded; those marked* are *in houses* where more than one death occurred:—

From October 1868, to March 25th, 1870.

STREETS IN HARROW ROAD.

Locality.	No.	Date.	Sex.	Age.	Description.
1869.					
Alfred Road.....	54	Mar. 28	M.	2½	Son of Engine Driver.
" "	45	Aug. 4	M.	18 m.	Son of a Cooper.
" "*	36	Sep. 5	M.	2	Son of a Painter.
" "*	..	" 21	F.	3	Daughter of a Carpenter.
" "*	17	" 11	M.	3	Son of a Blacksmith.
1869.					
Amberley Road	8	Jan. 12	M.	2	Son of a Captain.
" "*	65	April 22	F.	2	Daughter of a Butler.
" "*	..	" 23	F.	1	Son of a Butler.
" "*	22	May 10	F.	5	Son of Wharf Labourer.
" "*	..	" 12	M.	6	Son of a Contractor.
" "*	35	" 18	F.	4	Daughter of Hotel Keeper.
" "*	4	Nov. 15	M.	3	Son of a Coach-maker.
1870.					
" "	66	Jan. 26	M.	15 m.	Son of a Porter.
1869.					
Brindley Street.....	48	May 23	M.	9	Son of a Contractor.
1868.					
Cirencester Street	76	Oct. 5	M.	9	Son of a Road Labourer.
" "	21	Dec. 19	F.	11 m.	Daughter of Waiter.
1869.					
" "	40	Sept. 21	M.	10	Son of a Needlewoman.
1869.					
" "*	93	Oct. 12	M.	5	Son of a Cellerman.
" "*	..	" 14	M.	3	" "
1869.					
Clarendon Street	11	Jan. 12	M.	2 m.	Son of a Gardener.
" "	38	" 14	F.	5	Daughter of a Railway Driver.
" "	30	April 2	F.	1	Daughter of Engine Driver.
1870.					
" "	102	Jan. 23	F.	2	Daughter of a Farrier.
1869.					
Dartington Terrace*	3	Aug 3	M.	11	Son of a Carpenter.
" "*	"	" 3	M.	10	" "
1870.					
" "	14	Mar. 15	M.	4	Son of a Painter.
1868.					
Hampden Street	63	Oct. 11	M.	9 m.	Son of Carriage Fitter.
" "	64	" 24	M.	2½	Son of Boot-makers.
1868.					
Waverley Road.....	59	Dec. 20	F.	59	Wife of a Stoker.
1868.					
Westbourne Park Road * 104	Nov. 23	M.	10 m.	Son of a Builder.	
" "*	..	" 26	F.	2¾	Daughter of a Builder.
" "*	109	" 16	F.	33	Servant.
" "*	104	Dec. 23	F.	5½	" "
1869.					
" "*	85	Nov. 21	M.	4	Son of Furniture Dealer.
" "*	"	Oct. 31	M.	6	" " "
1868.					
Woodchester Street	42	Dec. 23	M.	1	Son of a Labourer.

	Locality.	No.	Date.	Sex.	Age.	Description.
WOODFIELD ROAD DISTRICT.	John Street	13	1868. Oct. 14	M.	2	
	" "	11	1869. Mar. 14	M.	8	Son of a Shape Cutter.
	Woodfield Place	24	1869. Jan. 3	M.	2	Son of a Wood Sawyer.
	Chippenham Terrace	1	Mar. 21	F.	20 m.	Daughter of a Tailor.
	" "	22	May 27	M.	2	Son of a Carpenter.
	" "	30	1870. Jan. 28	F.	11	Daughter of a Broker.
	Maryland Road	14	1869. April 22	F.	1	Son of a Book-binder.
	Frankfort Terrace	3	June 2	F.	3	Daughter of a Builder's Labourer
	" "	6	Oct. 11	F.	5	Daught. of Gentleman (deceased)
HALL PARK DISTRICT.	Crompton Street	1	1869. Oct. 15	F.	8	Daughter of a Plasterer.
	" "	13	Nov. 16	F.	2	Daughter of Egg Saleman.
	" "	"	Dec. 29	M.	7	Son of Egg Saleman.
	Cuthbert Street	1	1869. April 17	M.	7	Son of Fishmonger.
	" "	21	July 3	M.	4½	Son of Coachman.
	" "	1	Sept. 18	M.	2	Son of Stone Carver.
	" "	11	1870. Jan. 25	M.	10 m.	Son of Carman.
	" "	"	Feb. 7	M.	3	Son of Cab-driver.
	Hethpool Street	9	1868. Nov. 11	F.	5½	Daughter of a Dress Maker.
	Braithwaite Place	1	1869. Dec. 7	M.	2	Son of a French Polisher.
	Campbell Street	22	" 21	M.	4	Son of a Carrier.
	Hall Place	95	1868. Nov. 12	M.	4	Son of a Tailor.
	" "	128	" 18	M.	2	Son of a Painter.
	" "	70	1869. Mar. 10	F.	4	Daughter of Dress Maker.
	" "	19	April 15	F.	2½	Daughter of a Grocer.
	" "	18	Sept. 5	M.	7	Son of a Laundress.
	" "	79	Oct. 25	F.	7	Daughter of Horse-keeper.
	" "	7	" 30	F.	3	Daughter of a Nurse.
N. WHARF ROAD DISTRICT.	Howell Street	2	1869. May 30	F.	4	Daugh. of Omnibus Conductor.
	Welling's Place	8	1869. June 29	M.	3	Son of a Gas-fitter.
	" "	1	July 1	F.	5	Daughter of Wharf Carman.
	" "	6	Aug. 26	M.	1	Son of a Chaff Cutter.
	" "	"	Sept. 11	M.	3	Son of a Carman.
	" "	"	1870. March 8	F.	7	Daughter of a Carman.
	Albert Street	5	1869. Sept. 11	F.	1	Daughter of a Greengrocer.
	" "	12	Dec. 6	M.	1	Son of Hotel Porter.

Locality.		No.	Date.	Sex.	Age.	Description.
NORTH WHARF ROAD DISTRICT (continued.)	Green Street	4	1868. Nov. 5	M.	4	Son of a Carman.
	" "	6	1869. June 7	M.	3	Son of a Cab-driver.
	North Wharf Road	14	July 6	F.	2	Daughter of a Labourer.
	" " "	40	April 16	F.	3	Daughter of a Carman.
	" " "	"	" "	M.	1	Son of a Carman.
	" " "	9	Oct. 21	F.	2½	Daughter of a Carman.
	Kent's Place	3	July 4	M.	2½	Son of a Plumber.
	" " "	"	" 16	M.	4	Son of a Carman.
	Dudley Street	12	Aug. 4	M.	3	Son of a Coal Porter.
	Hermitage Street	1	" 10	M.	4	Son of Wharfman.
	Dudley Grove	27	1868. Oct. 26	M.	4	Son of a Fireman.
	White Lion Place	11	1869. April 24	M.	2	Son of a Labourer.
	Irongate Wharf	8	Aug. 29	F.	11	Daughter of a Cab-driver.
	Margaret Terrace	7	Oct. 15	M.	4	Son of Omnibus Driver.
	" "	"	Nov. 12	M.	7	" "
SUNDRY OTHER STREETS.	Carlton Place	4	1870. Jan. 18	M.	3¾	Son of a Painter.
	" "	"	" 26	F.	1½	Daughter of a Painter.
	" Mews	3	Feb. 8	F.	1¼	Daughter of a Painter.
	" "	"	" 23	M.	9	Son of a Painter.
	" "	8	" "	F.	3	Daughter of Railway Clerk.
	" "	3	March 4	M.	11	Son of a Painter.
	" "	"	" 5	F.	3½	Daughter of Omnibus Driver.
	Caroline Place	44	1869. Dec. 2	F.	1½	Daughter of a Butler.
	" "	"	" 23	M.	5	Son of Plumber.
	" "	38	" 11	F.	26	Wife of a Butcher.
	Charles Mews	12	" 25	M.	5	Son of a Coachman.
	" "	"	" 30	M.	3	" "
	Edgware Road	411	1870. Mar. 6	F.	7	Daughter of Surgeon.
	" "	"	" 12	F.	15	" "
	Elgin Terrace	9	1869. Nov. 10	F.	5	Daughter of Linendraper.
	" "	"	1870. Jan. 8	F.	10	Daughter of an Officer.
	" "	15	" 4	M.	4	Son of Lock-smith.
	" "	"	" "	M.	8	" "
	Victoria Grove	4	1869. Sept. 27	F.	10	Daughter of a Lath Render.
	" "	"	" "	M.	7	Son of a Tailor.
	" "	"	Nov. 14	F.	3	Daughter of a Butcher.
	Warwick Place	4	Oct. 19	M.	4	Son of Dairyman.
	" "	"	" 22	M.	4	" "

It is worth attempting to answer the following questions:—What is positively known of the disease? Ought the reiterated lessons of former experience to be cast aside? It has been fully proved by the fact and observation that Scarlet Fever is a disease recognised as blood poisoning; a poison received into the constitution giving rise after a certain time to a well marked eruption, and a set of symptoms indicative of efforts on the part of nature to eliminate it.

It is true that the particles of the poison have not yet been seen by the most powerful microscope; but persons labouring under their effects have enough of it hanging about them in the skin and secretions, in clothes and bedding, to infect others who come within the range of an atmosphere charged with it.

Exact experiments are wanting to complete the demonstration of these familiar facts; but it would not be difficult to obtain proof of them from the hands of a competent observer with time and money at his command. It is indeed one of those duties that ought to be undertaken with public money for the public good. No public body ought to grudge the reasonable expenditure for promoting investigations for the discovery of methods to check the ravages of fever poisons. We learn that by proper methods of isolation, and free ventilation, the poison may be diluted, and by disinfection the further progress of the disease may be arrested from travelling beyond its first seat; but how seldom is that efficiently carried out. There are also mechanical means of diluting the poison: sponging, oiling, bathing and cleansing the surface (Dr. Budd), and the removal of excretions; perhaps also chemical means of destroying it. Condyl's liquid undoubtedly destroys the power of fever poisons. Carbolic acid has its influence, but hitherto we have relied too implicitly upon medical treatment, which as far as the administration of drugs

go, I may quote the authority of Sir W. Jenner in saying they have been useless ; and there is nothing to hope for in that direction.

Is it not therefore to preventive, or sanitary medicine, that we ought to turn our attention and seek for better success in checking, preventing and stamping out epidemic maladies ? The main sphere of action now depends upon those who are entrusted with the administration of Sanitary Laws and the excellent provisions therein embodied. These laws are unfortunately only permissive and not compulsory in their action, and thus permission generally is interpreted as a permission not to enforce them.

Sanitary Works Executed.

Sanitary Orders for various works executed during the years, principally by the Owners of property, were as follows :—

	Consequent upon			Consequent upon	
	Systematic Inspection of houses.	Complaints of Nuisances.		Systematic Inspection of Houses.	Complaints of Nuisances.
April	52	11	October	29	26
May	59	38	November....	74	23
June	34	43	December	17	24
July	9	16	January.....	38	20
August	34	33	February	20	14
September ..	36	52	March	37	15
	224	193		215	122

Making a total of 439 Orders for Works in Houses of Streets inspected by systematic visitation ; and 315 arising out of Complaints of Nuisances. The various localities and kind of Works executed are to be seen in the usual table appended to these Reports.

TABLE IV
Works completed under Orders issued in the Year ending Lady-Day 1879

Locality	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2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PARISH OF PADDINGTON.

TABLE VII.
Systematic Sanitary Inspection of Mews or Stables up to March 25th, 1870.

Name of Mews or Stable Inspected.	No. of Stables and Premises Inspected.	No. of Inhabited Rooms.	No. of Horses kept.	Defects in state of										No. of Inhabitants.		No. of Orders issued, Remove Manure or Refuse.	REMARKS.
				Drains.	Inlets or Traps.	W.C. or Urinal.	Frying.	Lime Washing, General Repairs.	Water supply.	Dung or Dust Bin.	Ventilation.	Adults.	Children.				
Arthur Mews	20	2	83	3	4	..	..	4	1	..	2	2	1	8			Dirty.
Albion Mews North	9	11	17	..	..	..	..	3	..	..	..	14	10	..			Clean.
Amberley Mews	22	43	28	..	3	5	..	2	1	2	4	30	37	10			Cabmen & Trades carried on.
Alexander Mews	12	21	18	1	..	4	..	8	2	..	..	26	21	5			Clean.
Blomfield Place	13	40	18	..	..	1	..	..	..	..	..	29	31	4			Trades carried on.
Blomfield Mews	18	33	77	..	..	1	..	..	..	..	..	25	18	3			Do. do.
Boundary Mews	9	30	4	..	..	..	..	3	..	..	..	21	21	4			Dirty—Bad Road, &c.
Bristol Mews	35	64	78	1	..	2	1	1	..	1	..	47	45	4			Dirty—Cabmen, &c.
Brook Mews, Little	9	24	30	..	..	5	..	5	..	..	..	18	21	5			} Closely Inhabited, and Trades carried on.
Brook Mews, Upper	24	39	35	..	..	3	..	..	..	..	..	41	36	3			
Brook Mews North	32	74	37	..	..	..	..	6	4	7	..	55	66	13			
Bridge Terrace, Leny's Stables	1	..	204	..	..	..	..	..	..	..	..	..	..	..			Well managed—removed to South Wharf Road.
Ben Jonson Mews	14	11	4	..	..	3	..	1	..	..	..	13	4	4			Dirty—Costermongers, &c.
Barwood Mews	16	18	33	..	..	..	1	..	..	..	1	25	32	3			Clean.
Burlington Mews West	12	39	22	..	..	..	..	..	..	..	4	31	25	4			Closely Inhabited.
Burlington Mews	22	64	34	1	1	3	..	..	..	..	6	50	51	10			Ditto ditto.
Bishop's Mews	17	38	50	..	..	..	..	..	..	..	..	31	22	1			Clean.
Carlton Mews, Harrow Road	5	11	4	..	..	..	..	..	4	..	1	9	11	6			Dirty.
Cambridge Mews	12	24	21	..	..	2	1	4	1	..	..	23	31	5			Clean.
Calbridge Mews	11	19	16	..	..	..	..	..	..	..	..	10	13	1			Slaughter-house, &c.
Cirencester Mews	4	4	2	..	..	3	..	..	1	..	..	6	5	3			} Workshops, but clean.
Cirencester Place	4	12	10	..	..	2	..	..	..	..	4	8	11	4			
Chichester Mews	8	12	9	1	..	4	..	..	..	2	..	13	21	6			Cow-house here.
Cleveland Mews	26	61	63	..	..	..	..	8	..	..	..	47	45	8			Clean.
Caroline Place Mews	6	18	14	..	..	..	..	..	..	..	..	12	15	..			Ditto.
Canterbury Road (2 Mews)	3	2	20	..	1	1	1	..	1	..	..	4	5	1			Ditto.
Desborough Mews	3	11	2	..	..	..	..	..	3	..	..	6	8	3			Marine Store here.
Dudley Grove Mews	5	..	109	..	..	..	..	..	..	..	..	..	..	..			General Omnibus Company, well managed.
Faulkner Mews	4	12	..	..	..	1	..	..	..	..	1	15	7	12			Clean Workshops, Trades, &c.
Frederick Mews, Portsea Place	14	23	9	..	..	1	..	1	..	..	..	16	22	1			Clean.
Frederick Mews, Stanhope Place	10	20	5	..	..	..	..	..	..	..	..	12	16	..			Ditto.
Hamilton Mews	7	15	4	..	..	4	..	1	..	..	1	11	11	4			Fair—Trades.
Hereford Mews North	7	14	12	1	..	..	..	..	..	..	..	15	13	1			Clean.
Junction Mews	9	15	9	..	..	2	..	1	1	..	1	14	10	3			Trades—Marine Store here, &c.
Lanark Mews	15	35	29	1	..	3	2	12	1	1	1	34	13	9			Trades, &c.—Marine Stores.
Maye's Livery Stables, Chichester-St.	1	4	10	..	..	..	..	..	..	..	..	6	6	..			Clean.
Norfolk Crescent Mews	12	25	20	..	..	..	..	..	..	..	..	21	8	..			Ditto.
Newcastle Place	13	2	141	..	..	1	5	..	..	..	..	2	1	6			Dirty—Pavement bad—Trades.
Norfolk Square Mews	6	16	17	..	..	2	..	1	..	..	..	14	10	3			Clean.
Oliver Mews	16	33	26	..	..	4	..	1	..	..	..	26	35	6			Ditto.
Polygon Mews South	31	74	59	1	1	1	..	7	2	..	..	54	47	8			Fair.
Polygon Mews	21	44	34	..	..	3	1	10	..	..	1	46	32	9			Ditto.
Parchester Square Mews	7	35	28	3	2	6	..	..	1	..	6	34	32	7			Clean.
Parchester Mews	22	44	35	1	..	5	2	9	2	2	2	47	33	10			Ditto.
Princes Mews	17	33	34	..	..	1	..	4	..	1	..	31	33	4			Ditto.
Queen's Arms Yard, Kilburn-Pk.-Rd.	1	27	110	..	..	8	1	..	..	..	2	24	20	2			Dirty—General Omnibus Company Stables.
Queen's Arms Yard Livery Stables	3	3	8	..	..	..	..	..	..	..	..	4	..	..			Clean.
Richmond Mews	14	33	37	..	..	..	..	1	..	..	..	24	30	1			Dirty—Marine Store here.
Richmond Mews West	16	27	43	2	..	1	2	5	..	..	..	30	44	10			Ditto—Trades.
Radnor Mews	9	16	8	..	..	..	..	1	..	..	..	15	18	1			Clean.
Ranelagh Mews	6	6	7	..	..	..	..	..	..	..	..	8	9	..			Ditto—Trades.
Stanley Mews	10	17	66	..	..	5	..	3	1	..	3	13	14	6			Fair.
Sovereign Mews	13	30	38	..	..	1	1	..	1	..	..	32	24	2			Trades carried on.
Southwick Mews	11	18	17	..	..	..	..	..	..	..	..	17	17	..			Clean.
Torrington Mews	20	25	24	..	2	..	1	..	3	..	3	33	22	8			Ditto—Trades carried on.
Victoria Grove Place	9	29	13	3	3	2	..	2	..	..	2	22	23	6			Ditto.
Westbourne Park Crescent Mews	3	6	6	..	..	..	..	..	..	..	..	3	5	..			Ditto.
Westbourne Street Mews	13	19	21	1	2	2	..	1	..	..	1	18	9	4			Ditto.
Westbourne Terrace Mews	10	25	26	..	..	..	..	..	..	..	..	20	21	..			Ditto.
Westmoreland Mews	10	26	15	1	..	1	..	..	..	..	1	19	21	2			Trades carried on.
Westbourne Park Mews South	14	30	36	..	8	4	..	7	2	1	1	31	31	7			Dirty—Cabs, &c.—Trades.
Warrington Mews	11	22	24	3	1	..	..	1	..	..	..	22	33	5			Clean.
Warwick Mews	8	12	15	..	..	..	..	..	..	..	..	12	8	..			Ditto—Marine Store.
TOTAL	554	560	3020	24	28	98	19	113	32	15	50	1342	1284	245			

Manure removed twice a-week in most places, and in some daily.

КОСМИЧЕСКАЯ ПОДПИСКА

The Water Supply of Paddington.

The two Companies that supply this district with water, derive their supply from the Thames, at Kingston, where it is found to contain less than 20 grains of solid matter per gallon, and of late years this has been three or four grains reduced by better methods of storage and filtration. In my Report of last year, I mentioned, that by the Thames Conservancy Board having stringent power to prevent pollution, and that the Act extended to the tributaries of the Thames, we have no fear that the future supply should fail to be pure and abundant. In the periodical Analysis of the Register General, Dr. Frankland, has shown that the waters of the two Companies (the West Middlesex and Grand Junction Company) which supply Paddington, were the purest in the metropolis, and this no doubt has been attained by their improved methods of filtration. *The Constant Water Supply Act*, 15 & 16 Vic. Cap. 84, Sec. 15, contains the following provisions for constant supply:—"Four-fifths of owners "and occupiers on one main, must make a requisition "in writing; one-fifth of the houses on such main "must be supplied with cocks, &c. for the reception and "distribution, to the satisfaction of the company." It is only just that the Company may have the right to enter, and send their Surveyor to examine pipes and cocks, and that with the consent of the Board of Trade, after due notice, where the waste is fraudulently and wilfully neglected, this may suspend the supply. The public have, during the last year, again agitated the question of a constant water supply, and thus seek for fresh legislation. This appears to be scarcely necessary. For while no doubt need be entertained that the present system of storing water in cisterns placed in situations where pure water is readily defiled

by gaseous exhalations from the water-closet waste-pipe, or emanations from the dust bin, is highly objectionable, it must be remembered that the public have the remedy much in their own hands. A majority of the public is not prepared for submitting to the conditions which a constant supply would necessitate. Occupiers of houses in streets and districts can at any time avail themselves of this mode of supply by attending to, and going to the expense of proper pipes, cocks and machinery to prevent waste of water.

Periodical Examination of Milk sold in Paddington.

I have as usual made examinations of milk sold and supplied, both wholesale and retail, in various parts of the Parish. Between thirty and forty specimens have been taken and submitted to tests, showing the percentage of cream, the specific gravity, and the probable amount of dilution with water and other adulterations in them.

The occasional examination of milk by Metropolitan Medical Officers of Health has undoubtedly been the means of improving the quality of London milk. Dairy companies and dairies have professed to supply the public with a better quality of milk by bringing it from the country by rail. A keen competition of London cow-keepers has also brought about a better mode of cow feeding. The health of these cows is attended to, so that the quality of London milk may now be favourably compared with that brought from the country to London by railway.

The result, after analysis, of specimens, purchased casually from the milk shops by a responsible person, is shown in Tables VIII. and IX. and X.

Five specimens were taken from the Great Western Railway Station (from wholesale purveyors), four of which contained seven per cent. of cream, while one contained only two per cent. of cream, the average specific quality being 27.

I find the Companies professing to supply pure Milk have no superiority over the best London dairies, and this opinion is borne out by Mr. Chalmers Morton, Dr. Voelcher, and Dr. Whitmore, who all concur, as the result of their examination, that London milk is superior to country milk. "As a rule," says Dr. Whitmore, "it contains more casein or cheesy matter, and more butter than country milk ; it is in fact a mere question of careful and proper feeding."

In one of the suburban dairies, Messrs. Welford and Son, Warwick Farm Dairy, I have invariably found in the samples examined a high standard quality of milk, viz. : more than 12 per cent. of cream, the other constituents in the same proportions. Milk containing only six per cent. of cream if compared with this at 12, each costing 4d. per quart, shows the enormous benefit of getting good milk at 4d per quart, rather than milk having six per cent. of cream at less money. Some kinds of milk are worth double in money than others that contain but little of nutritive ingredients. In some recent examinations of London milk by the *Medical Times* and the *British Medical Journal*—milk produced by London cow-keepers yielded on an average 10 per cent. of cream, the country yielding $6\frac{1}{2}$ per cent. of cream. Some specimens contained 33 per cent. of diluted water, making them not really worth more than $2\frac{1}{2}$ d. per quart.

There is moreover some disadvantage in bringing the milk long distances by rail ; it must be often 10 or 12 hours old before delivery, and is then kept 8 or 10 hours more before it is consumed. It is to be feared

that the faults of old London dairymen are now practised by country farmers, viz. : taking off the cream before sending it up to London, or so managing the feeding that cows produce quantity rather than quality.

In carrying the analysis beyond the rough and ready test, I have ascertained by a more complete analysis, as in the table X., (under the direction of Dr. Muter, Analytical Chemist to the Food Journal) what are the proportionate quantities of other nutritive matter, viz. : the butter, casein, or cheesy matter, sugar of milk, and mineral ingredients,—those which give milk its well known value as an article of nutrition either for the infant, invalid, or adult.

The tables VIII. & IX. show the result of milk testings, and the quantities supplied to families in poor and rich neighbourhoods. The worst examples are too often found in shops of poor neighbourhoods, thickly populated. It will be seen that the higher class families consume ten times more than is supplied to the working man's family.

The working class suffer many disadvantages in their milk supply. Firstly, parents err in not being sufficiently aware of the economy and necessity of a good supply of milk for their young and growing offspring, and too frequently they are ignorant of the various forms in which it may be used as an article of nourishing diet. Dr. Edward Smith, in a Report to the Privy Council, 1864, found the average quantity of milk consumed by each adult in Bethnal Green to be $1\frac{1}{2}$ ounce per week only, and the lower class in Paddington is not at present much more abundantly supplied. Secondly, milk they do provide is too frequently, as shown by table 50, diluted with 30 per cent. of water. There is even a third disadvantage to the poor, that large dairies professing to give genuine milk are not willing to supply the more humble class of customers who consume less

TABLE VIII.

Showing the average consumption of Milk for each family and person.

	Adults.	Children.	Servants.	Quantity taken per diem.	Average for each Person.
A Family inhabiting } Westbourne Terrace, } Lancaster Gate and } Leinster Square .. }	5 2 2 7 3	2 4 9 4 3	3 2 10 12 4	2 Qts. 2 Do. 10 Do. 8 Do. 5 Do.	8 Oz. 10 Oz. 1 Pint nearly. 14 Oz. or $\frac{3}{4}$ of a Pint. 1 Pint.
Families inhabiting } Streets leading from } the Harrow Road, } Clarendon Street, } Woodchester-St., &c. }	2 2 2 1 2	4 1 5 2 2	... ... ... ... 1	1 Pint. $\frac{1}{2}$ Do. 1 Do. $\frac{1}{4}$ Do. 1 Do.	$2\frac{1}{2}$ Oz. 2 Oz. $\frac{5}{8}$. 2 Oz. $\frac{7}{8}$. $1\frac{1}{4}$ Oz. 4 Oz.

TABLE IX.

Showing the quality of Milk in different localities.

	Specific Gravity.		PerCentage of Cream.	
	Highest.	Lowest.	Highest.	Lowest.
Four Shops in Queen's Road, } Westbourne Park	1.029	1.022	8	6
Seven Shops in District of } Lancaster Gate, Westbourne } Terrace	1.030 $\frac{1}{2}$	1.026	14	5 $\frac{1}{2}$
Five Shops in Streets leading out } of Harrow Road.....	1.022	1.018	4	3 $\frac{1}{2}$
Five Shops in Streets of the } Hall Park Estate	1.021	1.018	4	3 $\frac{1}{2}$
Four Shops in and near Star } Street, &c.	1.028	1.022	9 $\frac{1}{2}$	3 $\frac{1}{2}$
Four Shops in Warwick Road and } Maida Vale District	1.031	1.022	15	5 $\frac{1}{2}$
Six Wholesale Purveyors at the } Gt. Western Railway Station, } taken in April.....	1.031	1.027	6 $\frac{1}{2}$	4 $\frac{1}{2}$

TABLE X.

Showing the specific gravity ; the per centage of cream ; the quantity of water ; sugar ; butter ; and mineral substances in 100 parts.

No.	Sp. Gr.	Cream.	Water.	Sugar.	Cane Sugar.	Fat.	Casein.	Mineral.	Total Solids.	REMARKS.
1	1.023	6.5	91.10	3.89	...	1.50	3.01	0.50	8.90	Watered considerably.
2	1.024	5	91.63	3.79	...	1.13	3.00	0.45	8.37	Ditto and skimmed.
3	1.023	7	90.48	4.12	...	1.58	3.30	0.52	9.52	Ditto.
4	1.026	6	90.57	4.29	...	1.35	3.32	0.47	9.43	Ditto and slightly colored.
5	1.028	6	88.25	3.64	1.81	1.40	4.30	0.60	11.75	Ditto and sugared.
6	1.027	6	89.65	4.20	...	1.38	4.15	0.62	10.35	Skimmed.
7	1.027	7	89.58	4.20	...	1.60	4.02	0.60	10.42	Ditto.
8	1.027	7	89.65	3.75	...	1.62	4.33	0.65	10.35	Watered.
9	1.026	5	90.64	3.58	...	1.20	3.98	0.60	9.36	Ditto.
10	1.031	15	86.56	4.53	...	3.38	4.83	0.70	13.44	A rich, pure, and healthy Milk.
11	1.026	5	90.58	4.12	...	1.17	3.60	0.53	9.42	Skimmed.
12	1.025	8	89.77	3.93	...	2.00	3.80	0.50	10.20	Watered and slightly colored.
13	1.031	14	87.04	4.46	...	3.15	4.75	0.60	12.96	An excellent Milk.
14	1.018	6	93.20	2.80	...	1.20	2.40	0.40	6.80	A very bad case of Watering.
15	1.025	6	...	...	...	...	..	...	...	Watered.
16	1.022	6	...	...	...	...	...	...	...	Ditto and "much" colored.

It will be here seen that not half these are examples of Milk containing the natural quantities of fatty, cheesy and other genuine Milk substances.

than a pint per diem. They are thus forced to buy in the worst market. Although it is now no part of the duty of Public Health Officers to regulate cow-keeping and inquire into the health of cows, there are reasonable grounds for instituting more supervision than exists. The effects of over-prolonged lactation upon the secretion of milk are known to be injurious in many ways, by impairing the health of the animal it may give rise to grave suspicions that the properties of milk are so far deteriorated as to render it an improper article of diet, and even to communicate and generate disease. The best guarantees we have for the quality and purity of milk, are to purchase it from farms near London, where pure air and good grazing can be assured, and where the milk can be delivered to the consumer as soon as possible after it has been taken from the cows.

Public Baths and Laundry.

Before we can consistently expect poor persons to carry out Sanitary orders for the cleansing of rooms, bedding and linen, or get the necessary amount of washing done as it ought to be, away from the premises in which they live, it is essential that Public Baths and a Laundry should be accessible. It will be then a question whether "forced ablution" is not a sound principle of Sanitary agency, to be carried out under authority and penalty. In the casual wards, in common lodging houses, and in prisons and lunatic asylums, contagious maladies have no place. In the army and in schools forced ablution is capable of, and is essential to the preservation of large numbers of congregated individuals free from the spreading diseases.

There are in this Parish large numbers of men and women engaged in the most dirty of occupations ; the dust women at the yards on the Canal basin, carmen

and coal porters at the dust and coal wharves, horse-keepers from numerous stables, blacksmiths, engineers, stokers, firemen from the railway — whose garments leave the grime on walls or staircase, as soon as they have been papered by the landlord. How can these persons be expected to keep clean, either their persons, clothing, bedding, linen, blankets, &c.? How can washing, drying, mangling and ironing be done at home in one room? Every drop of water has often to be carried up for personal use, and then the slops, unless they remain all night in the room or adjoining passage, have to be taken down (no sink being provided for the upper rooms).

In some houses a wash-house is built with a copper outside the house; in others, it is in the back kitchen, and lodgers take it in turns to do their washing. Great indeed would be the comfort and convenience of being able to have the washing done away from all houses where more than one family reside in the same house. The vapour of steam, the smell of soap-suds, and a general dampness constitute a real nuisance both to landlord and tenant, who ought in self-defence to unite in petitioning the Vestry to put into force the Act of 1844, authorizing the erection of Public Baths and Washhouses. The Public Baths and Washhouses have in almost every instance been successful, have paid out of profits the capital invested, and have never permanently taxed the Rate-payers one farthing. It is a sad spectacle to find in this rich country our working classes often worse housed, and less cleanly, than the soldiers, sailors, criminals, paupers and lunatics.

I have in my former Reports alluded to this subject, and cannot but feel that the industrial portion of the community in this wealthy Parish is not well provided for in this respect, and that if some intelligent members of the Vestry will make an appeal for the

establishment of Public Baths and Washhouses in the Parish, it would almost unanimously meet with the support it merits.

Disinfection under Clauses of Sanitary Act of 1866.

In my Report for 1868, I complained that disinfection of houses, clothing, bedding, &c. had not been actively carried out in this Parish, and that owing to the imperfect means of obtaining early information, a judicious and prompt action could seldom be taken to prevent the spread of contagious diseases. In 1869 I intimated to the Vestry, that the time had arrived when increased facilities should be given for personal ablutions and change of linen and clothing by establishing a Public Bath and Laundry, to which should be attached an efficient Disinfecting and Cleansing Apparatus for those who have need of it. Since then, a painful experience has shown the absolute need of putting into force provisions in clauses relating to disinfection in the Act of 1866.* No farther proof is needed than a reference to what has happened within the last 18 months. In the epidemic of Scarlet Fever now prevailing 175 deaths have occurred in this district: representing more than ten times the number of cases of this disease. A single case becomes the focus of the disease, spreading from house to house, not among the poor particularly, but equally penetrating the mansions of the rich, taking off not the sickly and young offspring of delicate parents, but the finest children in the best families, at the most interesting period of their developement.

* Sec. 23. The Nuisance Authority in each district may provide a proper place with all necessary apparatus and attendance, for the disinfection of woollen articles, clothing and bedding, which have become infected, and they may cause any article brought for disinfection to be disinfected free of charge, if from poverty, or otherwise, the owner or occupier in the opinion of the Nuisance Authority is unable to carry out the requirements of this Section.

In November last, I made a complete Report on this subject, pursuant to the following Resolution of the Sanitary Health Committee :—

As to whether adequate means of Disinfecting (with special reference to the provisions of the Sanitary Act of 1866,) exists in this Parish, and, if not, to specify in detail what could be recommended for carrying out measures of Disinfection in an adequate and effectual manner.

I will here remark that after more mature experience I have nothing to add or retract on the minute details I then proposed ; the manner in which the important subject was treated by the Vestry, by postponing its consideration for six months, is to be regretted, feeling assured, as I do, that this attempt to check contagious diseases would have been successful ; while in all probability a self-supporting institution would have met with the approval of Rate-payers. Nothing is more objectionable than the usual obnoxious practice of sending infected linen to a laundress ; washwomen may convey contagion to all parts of the town ; it is difficult to compel persons to carry out properly disinfection of woollen clothes, carpets, curtains blankets and bedding in their own homes, while, on the contrary, there were many instances where well-to-do persons called at the Vestry Hall, expressing willingness to carry out disinfection, if they could but be informed where to take the infected things.

Sanitary authorities should offer every facility for disinfection and cleansing, by providing a suitable place to resort to, and afterwards see that the provisions of the Act are duly carried out, rather than pretend to keep up a staff of officials to do the actual work. It is an unwise policy for any Parochial authority to do for the community what is clearly the duty of individuals themselves to perform.

In the instance of the present epidemic of Scarlet Fever, extremely few pauper cases were treated, as shown by the books of the Parochial Medical Officers.

The Workshops Regulation Act.

I have taken some trouble in endeavouring to discover any neglect in the carrying out of the provisions of this Act. During the past year, inspections have been made of 64 establishments in this Parish where generally more than five young women were employed, principally in millinery and dressmaking. The result of inspections is noted on a form kept for the purpose, which has been approved by the Inspector of Factories. As a rule, the provisions of the Act are fairly attended to, and the hours of labour are not excessive. I have had anonymous and other communications, which have, in every instance, been investigated, but I was not able to prove the accusations made against the proprietors of some of the shops indicated. In two instances, the proprietors were ordered to increase the cubic space of the work-room ; and in two others to remove the young women from the kitchen, which had improperly been used as the work-room. Since writing the above, I received information and obtained a conviction, under the Act, for keeping girls illegally at over work in the night, on Saturday afternoon and Sunday morning. Mrs. Marian Pridham, of Tankerville House, Queen's Road, Bayswater, was summoned before Mr. Mansfield, upon satisfactory evidence she was found guilty in two instances and fined £6 penalty for the offences. In this case the health of one young lady was affected by over-hours at night work. According to my inspections, more than 500 dressmaking young women are employed, but there are undoubtedly in establishments near Westbourne Grove vast numbers still not brought under notice, from not knowing the private residences of many who employ young persons in dressmaking.

The Adulteration of Food.

A Bill, brought before Parliament, proposing to amend the former Act of 1862, was withdrawn in the month of May; it contemplated making compulsory on local authorities to nominate an officer as public analyst, whose duty it would be to inspect and report upon the quality of articles used as food, and drugs exposed for sale within his district. It is at present no part of my official appointment to carry out systematically the duties of such an office, but recognising as I do its importance as one of the functions of a true officer of health, I have ventured to make some investigations for my own private satisfaction. Besides the examinations of milk, on a large scale, as shown in this Report, which I have been accustomed to make annually for the last three years, this year I have examined the following articles in every day use: butter, lard, tea,* a few samples of coffee, some specimens of confectionery, and two samples of whisky.

The slightest reflection and experience goes to show that a public officer entrusted with real powers to check these frauds, might exercise great influence upon the commercial morality of a neighbourhood, and at the same time render valuable service to the public health. The loss of even a few pence daily in articles of food purchased by the wages of a working man has a cruel effect upon him as the bread-winner for his family. He is either defrauded in quantity got for his money, or he must work harder to get

* In February last, Dr. Letheby exposed the frauds going on in the sale of tea at bonded warehouses in the City. He found chests of re-dried leaves of exhausted tea, containing but a trace of the active principles of tea. In England this tea has gone by the name of "Fine Moning Congou;" but at Shanghai it was called Maloo mixture, from the name of the Street, where we are informed that heaps of it may be seen drying in the sun, dogs and pigs walking through it, and that thousands of packages of this spurious stuff are shipped over to foreign countries.

enough money to purchase the full quantity ; working harder, means taking more food or losing strength. What generally happens with the hard-working artizan is this, his own strength is kept up, come what may ; the wife and children often fall short, or suffer from inferior qualities of food. With regard to the new " Adulteration of Food Bill ;" there are great defects in it. The fines are much too high for obtaining convictions without legal difficulty. The penalty appears to depend upon adulteration of articles of food *with substances injurious to health*. Milk therefore can be adulterated by water with impunity ; arrowroot and flour can be used largely, as they now are, for adulterating lard, cocoa, &c. Wine, beer and spirits, being excisable articles, are exempted ; tobacco being neither food, nor drugs, nor poison, is not included in the Bill, and is sold largely adulterated. Neither can defects with regard to fraudulent weights and measures be taken cognizance of, as they ought to have been in a properly constituted Act.

Meat, Fish, and Fruit destroyed.

A barrel and two pounds of plaice and whiting were seized and condemned ; one barrel of sprats ; half-a leg of mutton and two mutton chops. Complaints were lodged against eight persons ; in most instances they returned the purchase money to those who had bought meat unfit for food. Fruit shops and costermonger's stalls are watched ; and the proprietors warned against selling bad fruit.

The Dead-house or Mortuary Register.

The number of bodies brought in the Dead-house in Manor Place during the year was 38. Inquests were held on 28 ; of these, post-mortem examinations were made in the Dead-house in 25 cases.

The Fever Ambulance.

During the past year four small-pox patients were removed to the Small Pox Hospital at Highgate ; and five cases of Fever were sent to the Fever Hospital at Islington, at an expense of £14 : 10s.

“ Why should industrious, prosperous and wealthy communities see their people perish year after year at appalling rates, without trying some radical and effectual measures of reform ?

This is not a question of mere opinion, but of life and death ; it is not a question of a day, but of all time. Shall the town breeds degenerate and die out, or improve and live ? There appears to be disputes as to particular measures to be adopted ; Why should not experiments be made in various blocks of houses ? The water supply is an excellent preliminary, but the houses must follow. The refuse must be day by day removed from the dwellings, and this the householder cannot accomplish in large towns. It is municipal work.”

Note from Dr. Farr, in Quarterly Report for December 1869.

APPENDIX.

Demolition of houses for the Works and Stations of the
Metropolitan Railway in Praed Street, Paddington :—

Spring Street	-	-	-	-	5	houses.
Conduit Street East	-	-	-	-	17	"
Conduit Place	-	-	-	-	17	"
London Street	-	-	-	-	8	"
Praed Street	-	-	-	-	56	"
Bouverie Street	-	-	-	-	5	"
Cambridge Place	-	-	-	-	4	"

Common Lodging Houses regulated under Act,
1851, situated in Paddington :—

North Wharf Road	-	-	-	-	5
" " "	-	-	-	-	9
Dudley Street	-	-	-	-	3
White Lion Place	-	-	-	-	5
Star Street	-	-	-	-	7
Hall Place	-	-	-	-	5
Hall Place West	-	-	-	-	3
Braithwaite Place	-	-	-	-	10
Andover Place	-	-	-	-	4
" "	-	-	-	-	5
Waverley Road	-	-	-	-	6
Moscow Road	-	-	-	-	4
" "	-	-	-	-	5
Salem Gardens	-	-	-	-	4
" "	-	-	-	-	3

The following Papers and Reports on Sanitary matters connected with Paddington may be had on application at the Vestry Hall:—

Annual Reports for 1868, 1869, 1870.

Quarterly Reports, Nos. 1 to No. 12.

Report on a Public Mortuary for Paddington.

“How the Government may beneficially act in checking the spread of Contagious Diseases;” one of the special questions for discussion at the Social Science Congress at Bristol, 1869.

Public Mortuary for large Towns; a Paper read at the Royal Institution of British Architects.

Report to the Guardians on Vaccination, 1869.

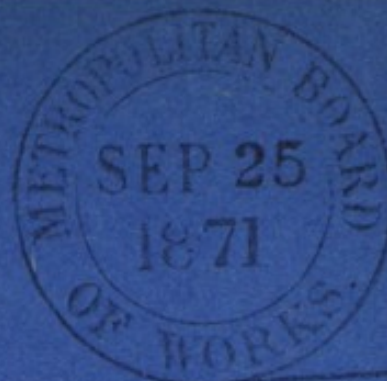
Report on Offensive Trades carried on on the Canal.

Report on the pollution of Water of the Canal Basin, and suggestions for remedying it.

Report on a Public Disinfecting Establishment.

Sanitary hints for the prevention of “spreading Diseases.”

2882



PRESENTED TO BOARD

13 JAN. 1872

Paddington.

METROPOLIS LOCAL MANAGEMENT ACT.

REPORT OF THE VESTRY

FOR THE YEAR ENDING 25TH MARCH,

• 1871.

last quarter, (70 of them being young children,) has now subsided to 5. Scarlatina was fatal to 22 persons in the three months, or double the usual amount that occurs in this Parish; 16 cases being children under 5 years of age. There are no deaths from Measles. Fever cases are about the usual average, viz.:—12; half of these are cases of Gastric and Remittent Fever in young children.

There must be a great number of very old people living in this Parish; for 80 deaths are registered this quarter between 70 and 80 years of age; and 21 of these are upwards of 80. During the previous summer quarter there were 50 deaths of persons between 70 and 80; and of this number (as in this quarter) 21 were also upwards of 80.

Out of the total deaths, 57 occurred in St. Mary's Hospital, 33 in Paddington Workhouse.

The number of deaths in children under 5 years of age were rather less than the usual proportion, viz.:—39; owing most likely to the mild state of the weather during the last three months.

Marine Store Shops

Marine Store Shops have been much complained of during the hot weather, and a frequent inspection of them has been made, and orders have been issued that fat, bones, and refuse, should be removed as frequently as possible, and covers provided for the receptacle of all offal. These places ought to be licenced and under constant inspection, municipal regulations being framed for keeping them in a satisfactory state.

Urinals.

The inspection of Public Urinals has occupied attention; reports of this kind of nuisances receive attention, and suggestions have been made for their abatement.

Cow-sheds and Slaughter-houses.

The usual list of persons who apply for Slaughter and Cow-house licenses was presented to the Justices of the Peace on the 26th of October; and I was requested to attend at the Vestry Hall to furnish such information relative to objections urged by the Sanitary and Public Health Committee to the granting of licenses. A second time I have been unsuccessful in the support of your resolution in opposing the grant of any licence for premises which are situated within 50 feet of inhabited dwellings. A case of slaughtering without a licence was made known to Inspector Parsons. The proprietor, after having been warned and summoned to attend the Sanitary and Public Health Committee, gave an explanation, and promised that he would in future desist from carrying on the business of slaughtering on his premises.

REPORT

ON THE

HEALTH OF PADDINGTON

FOR THE QUARTER ENDING

MARCH 29TH, 1869,

BY WM. HARDWICKE, M.D.,

Medical Officer of Health.

Vestry Hall; April 20th, 1869.

TABLE I.

SUMMARY OF WEEKLY RETURN OF BIRTHS AND DEATHS from
January 2nd, to March 27th, 1869.

Week ending	ST. MARY'S.		ST. JOHN'S.		TOTALS.	
	Births.	Deaths.	Births.	Deaths.	Births.	Deaths.
Jan. 2	52	19	23	16	75	35
" 9	40	22	19	18	59	40
" 16	40	25	15	13	55	38
" 23	45	29	17	9	62	38
" 30	37	23	17	27	54	50
Feb. 6	35	20	19	8	54	27
" 13	42	23	9	15	51	38
" 20	52	25	17	17	69	42
" 27	38	20	22	14	60	34
March 6	43	26	16	12	59	38
" 13	38	14	14	11	52	25
" 20	38	29	15	10	53	39
" 27	42	21	14	10	56	31
TOTAL	542	296	217	180	759	475

TABLE II.

DEATHS FROM ZYMOTIC AND OTHER DISEASES during 13 weeks ending
March 27th, 1869.

Weeks. ending	Small-Pox.	Measles.	Scarlatina.	Diphtheria, Quinsy & Croup.	Whooping Cough	Typhus, Infantile and other Fevers.	Carbuncle, Erysipelas and Pyæmia.	Dysentery and Diarrhoea.	Cholera.	Phthisis and Tubercular Dis.	Bronchitis and Pneumonia.	Other Diseases.	Accidents and Violent Deaths.	Total.
Jan. 2	2	3	...	1	...	2	3	21	3	25
" 9	1	1	1	3	...	2	...	1	5	22	4	34
" 16	3	1	...	2	...	1	...	2	2	24	3	23
" 23	5	10	22	1	29
" 30	...	1	...	...	6	2	1	...	...	3	7	28	2	33
Feb. 6	1	1	...	...	...	...	2	7	16	...	38
" 13	3	1	...	...	...	2	11	19	2	42
" 20	...	1	...	...	1	2	1	...	...	4	7	25	1	31
" 27	1	...	...	...	...	...	4	9	19	1	37
March 6	...	1	1	...	...	...	...	...	...	5	8	23	...	33
" 13	1	1	3	...	...	...	3	5	11	1	42
" 20	...	3	1	...	3	1	...	...	...	3	9	19	...	18
" 27	...	1	1	...	1	1	...	...	...	3	9	13	2	32
TOTAL	...	7	7	5	19	12	2	4	...	39	92	262	20	475

TABLE III.

SUMMARY OF SANITARY WORK, Quarter ending March 27th, 1869.

I.—Inspections consequent on Nuisances, Complaints, and Offensive and Injurious Trades.	{	Houses and Places Inspected with respect to their Sanitary State	63
		Orders issued for Sanitary Works	53
		Works done	59
		Works in progress	24
		Inspections of Offensive Trades	11
		„ Mews and Manure Wharves	65
		„ Cow-houses	28
		„ Slaughter-houses	28
		„ Bake-houses	—
		„ Mortuary or Dead-house almost daily ..	—
		„ Provision Markets every Saturday	—
		„ Churches, Chapels and Schools	4
		„ Factories, Work-rooms and other Public Institutions	22
II.—Systematic Sanitary Inspection of Dwellings	{	„ Fever and Small-Pox Conveyance used ..	5
		Houses and Premises visited and inspected	268
		Re-inspections	190
		Orders issued for Sanitary Works	190
		Works executed	163
III.—Attendances upon Magistrates, Surveyor, at the Police, Coroner's Courts, and Licensing Meetings.	{	Formal Orders issued by the Vestry	—
		Attendances	2
		Summonses	—
		For obtaining Summonses	—
		„ hearing „	—
	{	Letters written and received	70

*Nuisances and Complaints during the Quarter ending
March 27th, 1869.*

The register book of complaints and nuisances contains 78 cases, which admit of the following classification:—

Defects of drainage and untrapped gulleys ..	10
„ „ water supply	1
Dirty state of premises, water closets, urinals, stagnant water, percolations, &c.	27
Offensive trades, marine stores, frying of fish, ballast burning, bad meat, &c.	2
Overcrowding and bad ventilation	1
Smoke nuisances	1
Animals being dirtily kept, and noises from ..	3
Smells from the Canal Basin	—
Accumulation and deposit of manure, garbage, refuse, dust, dung, &c.	23
Smells from decaying and putrid substances ..	7
Defective cleansing of Roadways	1
Dangerous Structure	—
Miscellaneous other complaints	2
TOTAL	78

TABLE IV.

MORTALITY OF THE PARISH OF PADDINGTON during the Quarter ending
March 27th, 1869.

Causes of Death.	Ages.						Total.	Causes of Death.	Ages.						Total.
	Under 5 Years.	5 and under 20	20 and under 40	40 and under 60	60 and under 80	80 and above			Under 5 Years.	5 and under 20	20 and under 40	40 and under 60	60 and under 80	80 and above	
I. ZYMOTIC.								Brought forward	129	33	64	59	47	19	351
Order 1—MIASMATIC.								Order 4—ORGANS OF DIGESTION.							
Small Pox .....	..	..	..	..	..	..	..	Strict. of Æsophagus ..	..	..	..	..	1	..	1
Measles	6	1	..	..	..	..	7	Malignant Dis. of Stom.	..	..	1	1	1	..	3
Scarlatina	5	2	..	..	..	..	7	Constipation	1	..	..	1	1	..	3
Diphtheria	1	1	..	..	..	..	2	Enteritis	1	..	..	2	..	..	3
Croup	3	..	..	..	..	..	3	Peritonitis .....	..	..	3	1	..	..	4
Whooping Cough	18	..	..	..	..	..	18	Ulceration of Pylorus ..	..	..	..	1	2	..	3
Fever, Typhoid & Typhus ..	4	6	4	4	..	..	18	Abdominal Tumour .....	..	..	..	..	1	..	1
Acute Rheumatism .....	..	2	2	..	..	..	4	Ulceration of Intestines.	..	..	..	..	..	..	..
Erysipelas .....	..	1	1	1	..	..	3	Hernia .....	..	..	..	..	..	..	..
Pyæmia .....	..	..	..	..	..	..	..	Cirrhosis .....	..	..	2	2	..	..	4
Metria (Puerperal Fever) ..	..	..	..	1	1	..	2	Jaundice	1	..	1	..	3	..	5
Dysentery & Diarrhœa ..	3	..	..	..	1	..	4	Cancer of Rectum .....	..	..	..	..	..	..	..
								Abcess of Liver .....	..	..	1	1	..	..	2
Order 2—ENTHETIC.								Carcinoma of Liver .....	..	..	..	1	..	..	1
Syphilis	5	..	..	..	..	..	5	Diseases of Liver .....	..	..	1	3	1	..	5
Hydrophobia	1	..	..	..	..	..	1	Order 5—URINARY ORGANS.							
Order 3—DIETIC.								Bright's Disease .....	..	..	..	..	..	..	..
Privation .....	..	..	..	..	..	..	..	Disease of Kidneys .....	..	..	2	2	..	1	6
Want of Breast Milk ..	..	..	..	..	..	..	..	Disease of Bladder .....	..	..	..	..	3	..	3
Hæmorrhage .....	..	..	..	..	..	..	..	Diabetes .....	..	..	..	1	1	..	2
Alcoholism:—								Albumenuria .....	..	..	..	..	..	..	..
a. Del. Tremens ..	..	..	..	1	..	..	1	Disease of Prostate .....	..	..	..	..	1	1	2
b. Intemperance ..	..	..	..	..	..	..	..	Order 6—UTERUS AND OVARIES.							
Lead Poisoning .....	..	..	..	..	..	..	..	Ovarian Dropsy .....	..	..	..	1	..	..	1
Order 4—PARASITIC.								Other Diseases .....	..	..	..	..	..	..	..
Thrush	2	..	..	..	..	..	2	Order 7—ORGANS OF LOCOMOTION.							
II. CONSTITUTIONAL.								Dis ease of Spine ..	..	1	..	..	..	1	2
Order 1—DIATHETIC.								Order 8—INTEGUMENT.							
Gout .....	..	..	..	..	1	..	1	Phlegmon	2	1	1	1	1	..	6
Dropsy .....	..	..	..	..	..	..	..	Ulcers, Gangrene	1	..	..	1	..	..	2
Cancer & Scirrhus .....	..	..	1	3	3	..	7	Elephantiasis .....	..	..	..	..	..	..	..
Hæmorrhage	1	..	..	..	..	..	1	IV. DEVELOP- MENTAL.							
Order 2—TUBERCULAR.								Order 1—OF CHILDREN.							
Scrofula	2	1	..	..	..	..	3	Premature Birth	8	..	..	..	..	..	8
Tabes Mesenterica and Marasmus	6	..	..	..	..	..	6	Malforma. of the Rectum	1	..	..	..	..	..	1
Consumption & Phthisis ..	3	3	28	10	1	..	45	Nævus	1	..	..	..	..	..	1
Hydrocephalus, Meningitis	4	2	1	..	..	..	7	Teething	5	..	..	..	..	..	5
III. LOCAL.								Atalectasis .....	..	..	..	..	..	..	..
Ord. 1—NERVOUS SYSTEM								Order 2—OF ADULTS.							
Hemiplegia .....	..	..	..	1	2	..	3	Childbirth .....	..	..	2	..	..	..	2
Apoplexy .....	..	..	1	6	4	..	11	Order 3—OF OLD PEOPLE.							
Paralysis .....	..	..	1	3	1	8	13	Old Age, natural decay ..	..	..	..	..	12	7	19
Epilepsy .....	..	..	..	1	2	..	3	Order 4—DISEASES OF NUTRITION.							
Convulsions	17	1	..	..	..	..	18	Atrophy	2	..	..	..	..	..	2
Effus. of Serum on Brain	1	..	1	1	4	..	7	Exhaustion, Anæmia ..	..	1	1	..	..	..	2
Abcesson Brain .....	..	1	..	..	..	..	1	Debility Inanition	4	..	..	..	1	..	5
Inflammation of Brain ..	..	2	..	..	1	..	3	V. VIOLENT DEATHS.							
Cerebral Congestion .....	..	..	1	..	1	..	2	Order 1—ACCIDENTS AND NEGLECT.							
Order 2—ORGANS OF CIRCULATION.								Fract. & Contusions from Rail. Street Accident, &c.	..	4	3	1	1	..	9
Pericarditis .....	..	1	..	1	..	..	2	Burns and Scalds	1	1	..	..	2	..	4
Aneurism .....	..	..	..	1	..	..	1	Drowning	2	..	..	..	..	..	2
Valvular Dis. of Heart ..	..	..	2	3	2	..	9	Suffocation—Acci. in Bed	..	1	..	1	..	..	2
Disease of Heart, &c. ..	..	2	7	5	3	3	20	Choking .....	..	..	..	..	..	..	..
Fibrinous Clot Heart ..	..	1	..	..	..	..	1	Order 2.—HOMICIDE.							
Order 3—ORGANS OF RESPIRATION.								Infanticide .....	..	..	..	..	..	..	..
Laryngitis .....	..	..	..	..	..	..	..	Suicide by Drowning ..	..	..	1	..	..	..	1
Laryngismus	4	..	..	..	..	..	4	Cut Throat .....	..	..	..	2	..	..	2
Bronchitis	26	3	17	12	18	6	72	No Specified Cause .....	..	..	..	..	..	..	..
Pleurisy .....	..	..	..	..	..	..	..	TOTAL	169	42	81	81	83	29	475
Pneumonia	11	2	2	6	2	..	23								
Dis. of Lungs	2	1	2	..	1	..	6								
Other Diseases .....	..	..	..	..	..	..	..	
Carried forward	129	33	64	59	47	19	351								

During the Quarter ending March, 1869, 475 persons died in the Parish, while in the same period there were 759 births. The death-rate, calculated upon the estimated population, would be 19·6 per 1000 ; and the birth-rate 31·3, being an excess of 283 births over the deaths in three months.

The Zymotic deaths were only 63, a remarkably small number in comparison with any previous quarter, and with the general population, and especially considering the large number of young children in the Parish.

Measles and Scarlet Fever, each show only 7 fatal cases ; Whooping Cough, 18 cases ; 18 deaths are also recorded from Fever, being chiefly Typhoid, remittent, and infantile Fever ; no Typhus ; Bronchitis and Inflammation of the Lungs were fatal in 92 cases, of which 37 were in young children under 5 years of age ; Diarrhoea was fatal in about 3 instances. Scarlet Fever is still an Epidemic in London and other Towns, with a high death-rate generally. In this Parish, the deaths from Scarlet Fever for 4 quarters stand thus :—6, 14, 22, 7 ; total 49 for the year ; while the Zymotic forms of disease are low, 6 or 7 weekly (the usual average of this quarter being only 4·8*) ; the general mortality is higher than usual, 475 being the highest recorded for some time past. Chest diseases have been more numerous than usual, 105 in all during the winter quarter, 70 cases being in very young or very aged persons, who are always the first to suffer from extremes of temperature.

Systematic Sanitary Inspection of Streets and Mews during the quarter gives complete details of a group of streets in the neighbourhood of Harrow Road. In some of these houses a large number of families live ; several instances of overcrowding have been abated within the last year by simple notice, or a threat of proceedings under the powers of the Nuisances Removal Act.

* The weekly returns of January 23rd had no deaths from Zymotic disease ; February 6th, 2 ; 13th, 4 ; 27th, 1. March 6th, 2 ; 13th, 5. This with a population closely approaching 100,000, is a remarkable circumstance, so few deaths from epidemic disease, I believe, having no parallel in any other highly popular district.

TABLE V.

LOCALITIES in which Deaths from Zymotic and other Diseases have been recorded during the Quarter ending March 27th, 1869.

Streets, Districts and Hospitals.	Small-Pox.	Measles.	Scarlet Fever.	Diphtheria, &c.	Whooping Cough.	Typhus & other Fevers.	Erysipelas, &c.	Diarrhoea, &c.	Phthisis, &c.	Bronchitis, Pneumonia, &c.	Violent Deaths.	Other Diseases.	TOTAL.
St. Mary's Hospital	1	3	1	..	3	9	10	26	53
Paddington Workhouse	1	..	..	5	11	..	10	27
Lock Hospital	1	..	..	2	3
Praed Street, including (1)	1	2	1	..	..	2	2	1	12	21
Harrow Road & N. W. Road (2)	2	..	..	3	5	..	8	18
Hall Park District (3)	3	1	..	1	2	6	2	8	23
Amberley Road District (4)	1	1	..	..	..	1	3	..	2	8
Kilburn District (5)	1	1	..	..	..	3	..	5	10
Clarendon Street	2	..	..	..	..	..	3	1	..	5	11
Woodchester Street	3	..	..	1	..	3	..	6	13
Cirencester Street	2	..	..	1	..	..	..	1	2	..	4	10
Brindley Street	1	..	1	..	..	..	..	1	5	..	2	10
Hampden Street, &c. (6)	2	..	..	1	1	..	..	2	6	..	12	24
Westbourne Terrace North, &c. (7)	3	..	..	..	2	4	..	8	17
Woodfield Road, &c. (8)	2	..	..	1	..	1	2	4	..	8	18
Moscow Road, Salem Gardens, &c. (9)	1	5	..	10	16
Squares and Mansions (10)	4	..	1	2	6	2	37	52
Mews and Stables	2	3	..	3	2	..	..	2	3	..	14	29
Other Places, including (11)	2	..	1	1	..	6	14	5	83	112
TOTAL	7	7	5	19	18	2	4	39	92	20	262	475

- [1.] South Wharf Road, Union-Pl., Stanley-St., Francis-St., Cambridge-Pl., Junction-Pl., Market-St., Sale-St., Star-St., Bouverie-St., York Row, Titchborne Row.
- [2.] Edgware Place, Church Place, Hermitage Street, Dudley Street, Kent's Place, Willings Place, Victoria and Albert Street, Green Street, North Wharf Road, Iron Gate Wh.-Rd., White Lion Place and Passage, Alfred Place, Vine Cottages.
- [3.] Hall Place, Cuthbert Street, Howell Street, Charlotte Place, Church Street, Crompton Street, Braithwaite Place, Campbell Street, Hethpool Street, Hero Place.
- [4.] Netley Street, and Amberley Wharves, 7 Houses in St. Leonard's Gardens.
- [5.] Andover Place, Kilburn Park Road, Queen's Arms Yard, Elgin Terrace, Maida Vale, Carlton Place, Canterbury Terrace, Lanark Place and Villas.
- [6.] Alfred Road, Waverly Road, Orchard Street, Waverly-Ter. and Desboro'-Ter.
- [7.] Senior Street, Emily Street, Philip Terrace, Dartington Terrace, Hasboro' Street Ranelagh Road, Westbury Terrace & Road, Cottage Road, Westbourne Park Crescent.
- [8.] Woodfield Place & Road, Windsor Gardens and Street, John Street, Chippenham Terrace and Road, Frankfort Terrace, Kensal New Town, Carlton Terrace, Goldney Road.
- [9.] Pickering-Pl., Albert-Ter., Douglas-Pl., Caroline-Pl., Dove Cottages, Bark-Pl., Poplar-Pl., Chapel Side, Victoria-Pl.
- [10.] Westbourne-Ter., Gloucester-Pl., Sq. & Terr., Porchester-Ter., Square & St., Craven Hill & Gardens, Lancaster Gate, Hyde-Pk.-Sq., Hyde-Pk.-Gar., Inverness-Ter., Queensboro'-Ter., Cleveland Terrace, Square, and Gardens, Sussex Gardens.
- [11.] Houses in Streets not under special inspection, inhabited generally by one family only.

A List of Pamphlets and Reports received :—

General Hospitals ; their uses and abuses, with some suggestions for applying a remedy, by J. Wilkinson, Secretary of St. Mary's Hospital, Paddington.

On the Administration of Hospitals, by C. E. Matthews, of Birmingham.

Prospectus and Reports of the Industrial Employment Association, for preventing Pauperism and Crime, by rescuing destitute children, and reclaiming waste lands, &c.

The Utilization of the Criminal; the rights of Life and Property, combined with economy to the State, by C. P. Measor.

On the rapid increase of Population in the last Century, by Rev. R. B. Feast.

Scottish Poor Law, examined in its relation to Vagrancy, by J. H. Stalland, M.B.

Systematic Punishment for Crime, by J. B. Baker, 1869.

On the Cleansing of Newcastle-upon-Tyne, by John Fulton, C.E., Borough Engineer.

What shall we do with our Refuse? A discussion on the Sewage question, by H. Simpson, M.D.

The High Death-Rate; What is to be done, by J. C. Morrell, Preston?

The Boarding-out of Pauper Children considered, by Colonel C. W. Grant, R.E.

State Emigration, by E. Jenkins, Esq., Barrister-at-Law.

Reports of the Sanitary Condition of Islington, by E. Ballard, M.D.—Of Whitechapel District, by John Liddle, Esq.—Of Holborn, by Dr. Gibbon—Of St. Pancras, by Thomas Stevenson, M.D., &c.—Of the Hackney District, by J. W. Tripe, M.D., &c.—Of St. George's, Hanover Square, by C. J. B. Aldis, M.D.—Of Marylebone, by John Whitmore, M.D.—Of St. James's, Westminster, by E. Lankester, M.D.—Of Poplar, by V. T. G. Woodford, M.D., London—Of Mile End Old Town, by M. Corner, M.D., &c.—Of Fulham, by J. Burge, M.D., &c.—Of Lambeth, by G. Puckle, M.D., &c.—Of Leicester, by J. W. Crane, M.D., &c.—Of Merthyr Tydvil, by T. J. Dyke, M.D., &c.—Of Manchester, by John John Leigh, Esq., M.R.C.S., &c.—Of Newcastle, by G. H. Philipson, M.D., &c.

Le Docteur du Village, Entretiens familier sur l'hygiène.

The Dwellings of the Working Classes; their arrangement and construction, and the essentials of a healthy dwelling, with Plans, &c., by Henry Roberts, F.S.A., &c.

Prospectus of St. Mary's Hospital Medical School.

Report of the Paddington Provident Dispensary, of the London Orphan Asylum.

Reports by H. Letheley, M.B., M.A., &c., on the quantity of London Water Supply, and the difficulties of a constant Service system; on the Sanitary Commission of Sewers of the City of London; on the Sanitary Inspection of Shipping in the Port of London.

Poor Law Amendment Act, 1868; Notes, &c., by Hugh Owen, Jun.

Reports of Inspection of Factories; of the Commissioners of Water Supply; of the Registrar General, of Births, Deaths and Marriages in England; of the Medical Officer of the Privy Council.

Journals:—Lancet, Br. Medical Journal; The Public Health; Poor Law Chronicle; Social Science Proceedings and Transactions for 1868. Norfolk News; Pharmaceutical Journal; Tobacco Trade Review; The Alliance News.

REPORT

ON THE

HEALTH OF PADDINGTON

FOR THE QUARTER ENDING

JUNE 26TH, 1869,

BY WM. HARDWICKE, M.D.,

*Medical Officer of Health.**Printed by Order of the Vestry.**Vestry Hall; July 10th, 1869.*

TABLE I.

SUMMARY OF WEEKLY RETURN OF BIRTHS AND DEATHS from
April 3rd, to June 26th, 1869.

Week ending	ST. MARY'S.		ST. JOHN'S.		TOTALS.	
	Births.	Deaths.	Births.	Deaths.	Births.	Deaths.
April 3	49	20	20	12	69	32
" 10	39	25	10	16	57	41
" 17	32	22	12	21	44	43
" 24	32	24	15	10	47	34
May 1	36	21	9	15	45	36
" 8	27	24	11	11	38	35
" 15	36	19	12	8	48	27
" 22	34	15	16	18	53	33
" 29	40	23	13	13	53	36
June 5	43	19	13	12	56	31
" 12	34	14	17	7	41	21
" 19	32	20	14	13	46	33
" 26	34	20	13	7	47	27
TOTALS	468	266	173	163	641	429

During the last quarter it appears that 429 deaths and 641 births were registered in the Parish; estimating at the average rate of increase, the population ought to be, 100,587. This shows a death-rate of 16.0, and a birth-rate of 24.4 per 1000. The zymotic deaths are a very low proportion in some places. In most large towns they account for one-fifth of the deaths from all causes. 26 cases of death from Scarlatina are recorded. This epidemic continues to spread, and is not confined to the dwellings of the poor. I have traced its contagious origin in most instances from schools where children have brought it from houses in which one or more cases have occurred. It appears to be a disease which has very little relation to the defective condition of the house, except perhaps with the deficiency of its ventilation.

The consumption and tubercular diseases have carried off 87 persons, including 24 under five years of age; the rest are

persons in the prime of life, 58 being from consumption—a considerable increase and high proportion.

The death of young children were 155, or a proportion of 36.1 per cent. of the total deaths, which is higher than the death-rate of children in healthy and rural populations.

Cleansing of the Canal Basin.

The Canal Basin was emptied and cleansed as usual in May ; but a very insufficient quantity of mud was removed, in consequence of some of the Wharfingers not attending to the notice issued by the Company. I had an interview with the Secretary and Engineer of the Canal, who are anxious to carry out powers entrusted to them, but they cannot see clearly what steps can be taken to enforce the Clauses in the respective leases of premises. The recommendations made by me last year have been partially attended to ; the wharves are all in a more cleanly state ; an Inspector of loading of barges has been engaged ; w.c. accommodation has been provided ; but the running off of the water still is neglected when the quantity is abundant and could admit of a change.

Inspection of Boats with Cabins.

Boats or barges on the Canal have been under inspection ; a large number of women and young children are living in cabins much too small for healthy accommodation ; and instances come under notice where contagious diseases are brought by the boat-women into the Parish from distant parts of the country.

TABLE II.

DEATHS FROM ZYMOTIC AND OTHER DISEASES during 13 weeks ending June 26th, 1869.

Weeks. ending	Small-Pox.	Measles.	Scarlatina.	Diphtheria, Quinsy & Croup.	Whooping Cough	Typhus, Infantile and other Fevers.	Carbuncle, Erysipelas and Pyæmia.	Dysentery and Diarrhoea.	Cholera.	Phthisis and Tubercular Dis.	Bronchitis and Pneumonia.	Other Diseases.	Accidents and Violent Deaths.	Total.
April 3	...	1	1	1	..	1	...	...	...	5	10	12	1	32
" 11	2	...	2	2	...	..	...	8	8	16	3	41
" 17	1	...	3	2	...	1	...	8	7	20	1	43
" 24	6	...	1	2	1	...	...	5	6	11	2	34
May 1	2	...	...	...	2	...	...	10	5	15	2	36
" 8	1	...	3	...	1	1	...	7	7	15	...	35
" 15	...	1	1	..	..	1	1	1	...	...	3	18	1	27
" 22	2	1	1	...	1	...	...	4	5	19	...	33
" 29	...	1	1	...	2	...	3	...	...	4	5	19	1	36
June 5	1	...	2	1	...	1	...	6	2	18	...	31
" 12	3	...	1	...	...	...	...	3	2	10	2	21
" 19	1	...	1	...	1	2	...	6	3	17	2	33
" 26	4	...	3	1	...	1	...	1	...	16	1	27
TOTALS	...	3	26	2	19	10	10	7	...	67	63	206	16	429

* These Cases stand on the Register thus:—Low Fever ; Fever continued ; Typhoid Fever ; Gastric Fever ; Puerperal Fever ; Enteric Fever. There is no Typhus this Quarter.

TABLE III.

SUMMARY OF SANITARY WORK, Quarter ending June 26th, 1869.

I.—Inspections consequent on Nuisances, Complaints, and Offensive and Injurious Trades.	{	Houses and Places Inspected with respect to their Sanitary State	90
		Orders issued for Sanitary Works	101
		Works done	100
		Works in progress	2
		Inspections of Offensive Trades	14
		„ Mews and Manure Wharves	26
		„ Cow-houses	14
		„ Slaughter-houses	15
		„ Bake-houses	12
		„ Mortuary or Dead-house almost daily ..	—
		„ Provision Markets every Saturday	—
		„ Churches, Chapels and Schools	6
		„ Factories, Work-rooms and other Public Institutions	6
		„ Fever Small-Pox Conveyance used	—
II.—Systematic Sanitary Inspection of Dwellings	{	Houses and Premises visited and inspected	160
		Re-inspections	90
		Orders issued for Sanitary Works	100
		Works executed	100
		Formal Orders issued by the Vestry	—
III.—Attendances upon Magistrates, Surveyor, at the Police, Coroner's Courts, and Licensing Meetings.	{	Attendances	2
		Summonses	1
		For obtaining Summonses	1
		„ hearing „	—
		Letters written and received	16

Nuisances and Complaints during the Quarter ending June 26th, 1869.

The register book of complaints and nuisances contains 96 cases, which admit of the following classification:—

Defects of drainage and untrapped gulleys.	15
„ „ water supply	3
Dirty state of premises, water closets, urinals, stagnant water, percolations, &c.	17
Offensive trades, marine stores, frying of fish, ballast burning, bad meat, &c.	4
Overcrowding and bad ventilation	1
Smoke nuisances	6
Animals being dirtily kept, and noises from .	3
Smells from the Canal Basin	2
Accumulation and deposit of manure, garbage, refuse, dust, dung, &c.	29
Smells from decaying and putrid substances .	9
Defective cleansing of Roadways	3
Dangerous Structure	—
Miscellaneous other complaints	4
	<hr/> 96 <hr/>

These Complaints received almost immediate attention.

TABLE IV.

MORTALITY OF THE PARISH OF PADDINGTON during the Quarter ending
June 26th, 1869.

Causes of Death.	Ages.						Total.	Causes of Death.	Ages.						Total.
	Under 5 Years.	5 and under 20	20 and under 40	40 and under 60	60 and under 80	80 and above			Under 5 Years.	5 and under 20	20 and under 40	40 and under 60	60 and under 80	80 and above	
I. ZYMOTIC.								Brought forward	125	25	56	56	52	9	323
Order 1—MIASMATIC.								Order 4—ORGANS OF DIGESTION.							
Small-pox	3	..	..	..	..	..	3	Obstruction of Bowels ..	..	1	1	..	..	..	2
Measles	18	7	..	..	..	..	25	Cirrhosis .....	..	..	2	..	..	..	2
Scarlatina	3	..	1	..	..	..	4	Gastritis .....	..	..	..	..	..	..	..
Diphtheria .....	..	..	..	..	..	..	..	Enteritis .....	..	..	1	..	..	..	1
Croup	19	..	..	..	..	..	19	Peritonitis .....	..	..	1	..	..	..	1
Whooping Cough .....	..	..	2	..	..	..	2	Ascites .....	..	..	..	..	..	..	..
Typhus Fever	3	..	..	1	1	..	5	Malig. Dis. of Stomach ..	..	..	..	1	..	..	1
Erysipelas and Pyæmia ..	..	..	2	..	..	..	2	Ulceration of Intestines ..	..	..	..	1	..	..	1
Metria (Puerperal Fever) ..	..	..	..	..	..	..	..	Hernia ..	..	..	1	..	..	..	1
Anthrax .....	..	..	..	..	..	..	..	Ileus ..	1	..	..	..	..	..	1
Dysentery	6	..	..	..	..	..	6	Icterus .....	..	..	..	3	..	..	3
Diarrhœa .....	..	..	..	..	..	..	..	Abdominal Tumour .....	..	..	1	..	..	..	1
Cholera .....	..	..	..	..	..	..	..	Diseases of Liver .....	..	..	1	1	5	..	7
Choleraic Diarrhœa .....	..	..	..	..	..	..	..	Abscess of Liver .....	..	..	1	..	..	..	1
Order 2—ENTHETIC.								Cancer of Liver .....	..	..	..	..	..	..	..
Syphilis	2	..	..	..	..	..	2	Order 5—URINARY ORGANS.							
Hydrophobia .....	..	..	..	..	..	..	..	Albumenuria .....	..	..	3	2	..	..	5
Order 3—DIETIC.								Disease of Kidneys .....	..	..	1	3	1	..	5
Privation	1	..	..	..	..	..	1	Bright's Disease .....	..	1	1	1	2	..	5
Want of Breast Milk ..	..	..	..	..	..	..	..	Cystitis .....	..	..	..	..	3	..	3
Purpura .....	..	..	..	..	..	..	..	Order 6—UTERUS AND OVARIES.							
Alcoholism:—								Polypus of Uterus .....	..	..	..	..	1	..	1
a. Del. Tremens ..	..	..	2	..	..	..	2	Ovarian Tumour .....	..	..	1	..	..	..	1
b. Intemperance ..	..	..	..	..	..	..	..	Cancer of Uterus .....	..	..	..	1	..	..	1
Lead Poisoning .....	..	..	..	..	..	..	..	Rupture of Uterus .....	..	..	1	..	..	..	1
Order 4—PARASITIC.								Order 7—ORGANS OF LOCOMOTION.							
Thrush	1	..	..	..	..	..	1	Disease of Bones	1	..	..	..	..	..	..
Order 5—URINARY ORGANS.								Disease of Joints .....	..	..	..	..	..	..	1
Albumenuria .....	..	..	..	..	..	..	..	Order 8—INTEGUMENT.							
Disease of Kidneys .....	..	..	..	..	..	..	..	Phlegmon .....	..	..	2	..	..	..	2
Bright's Disease .....	..	1	1	1	2	..	5	Ulcers .....	..	1	..	..	..	..	1
Cystitis .....	..	..	..	..	..	..	..	Tumours .....	..	..	1	1	..	..	2
Order 6—UTERUS AND OVARIES.								IV. DEVELOPMENTAL.							
Polypus of Uterus .....	..	..	..	..	..	..	..	Order 1—OF CHILDREN.							
Ovarian Tumour .....	..	..	1	..	..	..	1	Premature Birth	12	..	..	..	..	..	12
Cancer of Uterus .....	..	..	..	..	1	..	1	Malformation of the Heart ..	1	..	..	..	..	..	1
Rupture of Uterus .....	..	..	1	..	..	..	1	Other Malformations ..	5	..	..	..	..	..	5
Order 7—ORGANS OF LOCOMOTION.								Teething	1	..	..	..	..	..	1
Disease of Bones	1	..	..	..	..	..	1	Atelectasis .....	..	..	..	..	..	..	..
Disease of Joints .....	..	..	..	..	..	..	..	Order 2—OF ADULTS.							
Order 8—INTEGUMENT.								Childbirth .....	..	..	2	..	..	..	2
Phlegmon .....	..	..	2	..	..	..	2	Order 3—OF OLD PEOPLE.							
Ulcers .....	..	1	..	..	..	..	1	Old Age, natural decay ..	..	..	..	..	4	6	10
Tumours .....	..	..	1	1	..	..	2	Order 4—DISEASES OF NUTRITION.							
IV. DEVELOPMENTAL.								Atrophy	1	..	..	3	..	..	1
Order 1—OF CHILDREN.								Debility .....	..	..	..	..	..	..	3
Premature Birth	12	..	..	..	..	..	12	V. VIOLENT DEATHS.							
Malformation of the Heart ..	1	..	..	..	..	..	1	Order 1—ACCIDENTS AND NEGLIGENCE.							
Other Malformations ..	5	..	..	..	..	..	5	Fractures & Contusions ..	1	..	3	1	4	2	11
Teething	1	..	..	..	..	..	1	Burns and Scalds .....	..	..	..	1	..	..	1
Atelectasis .....	..	..	..	..	..	..	..	Drowning .....	..	..	..	..	..	..	..
Order 2—OF ADULTS.								Suffocation accidental ..	2	..	..	..	..	..	2
Childbirth .....	..	..	2	..	..	..	2	Accidental Poisoning ..	..	..	..	1	..	..	1
Order 3—OF OLD PEOPLE.								Order 2—HOMICIDE.							
Old Age, natural decay ..	..	..	..	..	4	6	10	Infanticide	5	..	..	..	..	..	5
Order 4—DISEASES OF NUTRITION.								Suicides, Prussic Acid ..	..	..	1	..	..	..	1
Atrophy	1	..	..	..	..	..	1	No Specified Cause .....	..	..	..	..	..	..	..
Debility .....	..	..	..	3	..	..	3	TOTALS	155	28	73	78	78	17	429
V. VIOLENT DEATHS.															
Order 1—ACCIDENTS AND NEGLIGENCE.															
Fractures & Contusions ..	1	..	3	1	4	2	11								
Burns and Scalds .....	..	..	..	1	..	..	1								
Drowning .....	..	..	..	..	..	..	..	
Suffocation accidental ..	2	..	..	..	..	..	2								
Accidental Poisoning ..	..	..	..	1	..	..	1								
Order 2—HOMICIDE.															
Infanticide	5	..	..	..	..	..	5								
Suicides, Prussic Acid ..	..	..	1	..	..	..	1								
No Specified Cause .....	..	..	..	..	..	..	..	
TOTALS	155	28	73	78	78	17	429								

TABLE V.

LOCALITIES in which Deaths from Zymotic and other Diseases have been recorded during the Quarter ending June 26th, 1869.

Streets, Districts and Hospitals.	Small-Pox.	Measles.	Scarlet Fever.	Diphtheria, &c.	Whooping Cough.	Typhus & other Fevers.	Erysipelas, &c.	Diarrhoea, &c.	Phthisis, &c.	Bronchitis, Pneumonia, &c.	Violent Deaths.	Other Diseases.	TOTAL.
St. Mary's Hospital	1	..	..	5	6	9	26	47
Paddington Workhouse	1	2	..	..	1	6	..	13	23
Lock Hospital
Praed Street, including (1)	1	6	7	1	2	17
Harrow Road & N. W. Road (2)	6	..	3	2	..	1	2	1	..	8	23
Hall Park District (3)	1	1	..	2	1	..	..	3	8	..	11	27
Amberley Road District (4)	5	..	1	..	..	..	2	1	..	6	15
Kilburn District (5)	1	..	..	..	2	..	7	10
Clarendon Street	1	..	..	..	..	..	2	4	..	2	9
Woodchester Street	1	..	..	..	7	1	..	3	12
Cirencester Street	1	..	..	1	3	1	..	6	12
Brindley Street	1	..	..	..	..	..	..	1	..	1	3
Hampden Street, &c. (6)	2	1	..	2	..	..	1	4	1	..	4	15
Westbourne Terrace North, &c. (7)	1	..	1	8	3	..	7	20
Woodfield Road, &c. (8)	1	2	..	2	5
Moscow Road, Salem Gardens, &c. (9)	4	..	3	..	..	1	1	..	..	2	11
Squares and Mansions (10)	1	1	..	..	..	8	10	..	24	44
Mews and Stables	2	1	..	..	14	5	1	4	27
Other Places, including (11)	7	1	2	1	..	1	16	12	10	59	109
TOTALS.....	..	3	26	2	19	10	..	7	83	71	18	187	429

- [1.] South Wharf Road, Union-Pl., Stanley-St., Francis-St., Cambridge-Pl., Junction-Pl., Market-St., Sale-St., Star-St., Bouverie-St., York Row, Titchborne Row.
- [2.] Edware Place, Church Place, Hermitage Street, Dudley Street, Kent's Place, Willings Place, Victoria and Albert Street, Green Street, North Wharf Road, Iron Gate Wh.-Rd., White Lion Place, Alfred Place, Vine Cottages, White Lion Passage.
- [3.] Hall Place, Cuthbert Street, Howell Street, Charlotte Place, Church Street, Crompton Street, Braithwaite Place, Campbell Street, Hethpool Street, Hero Place.
- [4.] Netley Street, and Amberley Wharves, 7 Houses in St. Leonard's Gardens.
- [5.] Andover Place, Kilburn Park Road, Queen's Arms Yard, Elgin Terrace, Maida Vale, Carlton Place, Canterbury Terrace, Lanark Place and Villas.
- [6.] Alfred Road, Waverly Road, Orchard Street, Waverly-Ter. and Desboro'-Ter.
- [7.] Senior Street, Emily Street, Philip Terrace, Dartington Terrace, Hasboro' Street, Ranelagh Road, Westbury Terrace, Cottage Road, Westbourne Park Crescent.
- [8.] Woodfield Place & Road, Windsor Gardens and Street, John Street, Chippenham Terrace, Frankfort Terrace, Kensal New Town, Carlton Terrace, Goldney Road.
- [9.] Pickering-Pl., Albert-Ter., Douglas-Pl., Caroline-Pl., Dove Cottages, Bark-Pl., Poplar-Pl., Chapel Side, Victoria-Pl.
- [10.] Westbourne-Ter., Gloucester-Pl., Sq & Terr., Porchester-Ter., Square & St., Craven Hill & Gardens, Lancaster Gate, Hyde-Pk.-Sq., Hyde-Pk.-Gar., Inverness-Ter., Queensboro'-Ter., Cleveland Terrace, Square, and Gardens, Sussex Gardens.
- [11.] Houses in Streets not under special inspection, inhabited generally by one family only.

The result of systematic Sanitary Inspection enables me to add the following record of Streets and Places to the list published in former Reports :—

Streets Inspected Systematically.	No. of Houses Inspected.	No. of Holdings.	No. of Rooms.	No. of Adults.	No. of Children.	Average No. of persons living in		Total No. of Inhabitants in the Streets.	Average Cubic Space in each House.	Average Cubic Space for each person.	Cubic Space of inhabited Dwellings.	Average No. of Doors, Windows, Chimnies.			Defects in Water supply.	Defects in W.C. Apparatus.	Defects in Traps & Drains.	Defects in Cleansing of		No. of Sanitary Orders issued.
						each house.	each room.					D.	W.	C.				Yards.	Houses.	
Caroline Place	46	79	184	154	36	5.9	3.	65	1840	312.	...	1	2	2	3	1	2	4	2	3
Elms Place	5	6	10	14	14	5.6	2.8	28	1760	314.	...	1	2	2	...	2	2	3	2	5
Moscow Road	13	33	48	64	47	9.3	2.5	121	2864	307.8	...	2	5	4	...	2	1	2	...	4
Salem Gardens	10	7	10	22	9	3.1	3.1	31	1309	429.	...	2	2	2	...	2	5	2	4	5
Dove Cottages	7	12	28	25	31	8.	2.	56	4533	566.	...	2	.	44	...	...	...	...	2	5
Poplar Place and Square	16	28	66	51	57	6.7	1.7	108	6024	...	...	2	9	6	...	3	...	2	...	5
Pickering Place	17	76	104	142	34	13.3	3.1	326	5575	419.3	...	2	8	6	...	5	2	6	10	11
Chapel side	26	71	104	139	96	9.	2.2	235	3258	369.4	...	2	5	4	...	9	6	2	2	13
Victoria Place	25	60	165	123	60	7.3	1.1	183	2329	319.6	...	2	4	4	...	1	1	3	...	2
Bark Place	13	38	64	47	63	10.7	2.2	140	4452	...	...	2	6	6	4	...	3	6	6	10
TOTALS .....											...

SYSTEMATIC HOUSE TO HOUSE INSPECTION.

TABLE VI.

Systematic Sanitary Inspection of Streets during the quarter enables me to present complete details of a group of streets in the neighbourhood of Moscow Road. In some of these houses a large number of families live ; several instances of overcrowding have been abated within the last year by simple notice, or a threat of proceedings under the powers of the Nuisances Removal Act.

The Opening of St. Mary's Church Yard.

On the 16th of April a Committee was appointed, of which Mr. Greateorex was the Chairman, to discuss the question of opening the old closed Burial Ground. It was recommended to the Vestry to improve, plant, and open the place to the public. The populous neighbourhood of the Hall Park Estate, comprising several streets, would be materially benefitted by having a public thoroughfare at the North-West corner, which is unfortunately kept closed. It was further resolved by the Committee, that in any plan for opening the old Church Yard, a scheme for erecting, under the powers of the Sanitary Act of 1866, a Public Mortuary and Dead House, should be comprehended, and placed there, and under the management of a proper person, having for the time being the care of Paddington Green, and that such a person be required to live contiguous thereto. I have constantly expressed my opinion that a Public Mortuary has become a necessity for this parish, and have reported fully as to its management, and the circumstances which frequently come before the Coroner, showing the necessity of some responsible person having the custody of bodies placed in a public mortuary. I feel confident that no better place could be found than the North end of the Church Yard.

The Alleged Deficiency of Water Supply.

In some of the densely-populated houses in streets leading out of Harrow Road, the water supply has been found occasionally to run short on Sundays and Mondays. I was instructed to write to the Grand Junction Water Works Company, and make application for a supply at such a time as would enable the occupiers of these houses to avail themselves of water at any early hour on Monday. The turncock now gives the supply late on Saturday night, so that no deficiency shall occur on the Sunday or Monday, it being evidently those days when the ordinary supply is insufficient for the additional personal ablution, house cleaning, and family washing of linen, which at this time of the week is in greatest demand, and for which the usual quantity in the cistern is not enough. Public baths and wash-houses are much needed for a very numerous class of persons, belonging to the artizan class, who live in this locality. Stokers, engine drivers, smiths, coal porters, and other men, whose occupations are such, that personal ablution at home in the living room, which also serves as a bed-room, becomes impossible. The washing and drying of their garments at home is a real nuisance, and can only be abated by establishing a Public Laundry, open to all.

Examples of Over-crowding in Newly-built Houses.

The houses in Amberly Road, although all newly-built and tolerably spacious, having eight good-sized rooms, two on each floor—ventilation well provided for back and front, cleanliness, good drainage, water supply, and closet in fair order, yet from several families living in a house generally intended for one—we find the worst evil of over-crowding—viz.: spreading of contagious disease. Here are examples:—No. 33.—A clean house, cases of typhoid have occurred—perhaps from sewer gas finding its way through the waste pipe. No. 47.—Three cases of Scarlet Fever, one death of late, and several cases of illness since it first became inhabited—eighteen months' ago. No. 35.—This is a double house, fair to look at outside, but a perfect pest-house within. The closet is out of order from bad fittings at first. Here have been cases of fever and other illnesses; now we find four of Scarlet Fever. *Population*:—Kitchen; man, wife and three children; Parlor or ground floor; man, wife and four children, living principally in the one room; man, wife and two children in another; man and wife in another. First floor; man, wife and three children in one room; woman and three children in one large room; two men lodgers in another; two females and three children have two rooms. Second floor; a man, wife and four children in two rooms; a man, wife and child in two other rooms. Number of rooms, 15; number of persons, 40. Cubic space for each individual varies from 160 to 300 cubic feet. No. 22.—In the lower rooms; kitchen—front, man, wife and two children; back, a woman and child; the death from Scarlet Fever is in the back room; no other illness at present in this house, which is clean throughout. Here is another instance:—No. 12, Desboro' Street, eighteen persons in six small rooms; perfectly clean; two cases of Scarlet Fever occurred in this house. Five holdings or distinct lodgers. In parlor floor; man, wife and five children; occupy the two rooms; first floor; man, wife and three children in one room; man, wife and child in the back room; second floor; two sets of lodgers, but four persons only in all.

A List of Pamphlets and Books received:—

- Fourth Report of the Industrial Employment Association.
 Report of Medical Officers of Health Association.
 Francis Fuller.—National Security and National Prosperity dependent upon a diminution of Drunkenness, Pauperism, and Crime.
 Poor Law and Charity—Letter of T. B. Baker, Esq.
 The Contagious Diseases Act, (Women) from a Sanitary point of view, by C. B. Taylor, M.D., F.R.C.S.E.
 The Original; containing Essays on the Art of Dining, Travelling, and attaining High Health; on Agriculture, Education, Economy, Governments, Liberty Prisons, Discipline and Reform; on Beggars and Poor Laws—and on many other subjects of interest and importance, by the late Thomas Walker, M.A., one of the Magistrates of the Metropolis.

REPORT

ON THE

HEALTH OF PADDINGTON

FOR THE QUARTER ENDING

MICHAELMAS, 1869,

BY WM. HARDWICKE, M.D.,

Medical Officer of Health.

Printed by Order of the Vestry.

Vestry Hall; October 1869.

TABLE I.

SUMMARY OF WEEKLY RETURN OF BIRTHS AND DEATHS from
July 3rd, to September 25th, 1869.

Week ending	ST. MARY'S.		ST. JOHN'S.		TOTALS.	
	Births.	Deaths.	Births.	Deaths.	Births.	Deaths.
July 3	29	19	14	14	43	33
„ 10	41	24	18	12	59	36
„ 17	26	21	17	11	43	32
„ 24	38	28	15	6	53	40
„ 31	25	17	12	14	37	23
Aug. 7	43	31	14	11	57	45
„ 14	47	25	11	10	58	36
„ 21	29	18	15	17	44	28
„ 28	39	19	14	12	53	36
Sept. 4	41	20	18	8	59	28
„ 11	35	21	13	13	48	34
„ 18	32	24	15	10	47	34
„ 25	43	20	11	11	54	31
TOTALS	468	287	187	149	635	436

During this quarter, ending September 25, the deaths in this Parish were 436; 37 in St. Mary's Hospital and 20 in the Workhouse. The number is 13 less than the corresponding quarter of last year. The births in the same period were 635, being 200 in excess of deaths. The rate of mortality is only 16.8 per 1000, assuming that the same rate of increase in population has been going on. Some allowance, however, must be made for the demolition of houses for the Metropolitan Railway Works. The deaths from Zymotic diseases were 97 or 22.2 per cent of the total deaths. In young children under 5 years of age 195 deaths are recorded, or 44.7 per cent of the total mortality. 43 deaths from Diarrhoea were recorded, chiefly in very young children; almost half the amount of the corresponding quarter in 1868. Scarlatina was fatal this quarter to 36 children, varying in age from 1 to 8 years. The average annual mortality

has for 3 years from Scarlet Fever been 56, 31, 46; but during the last 12 months, 98 deaths have occurred. This is double the normal amount, and the weekly numbers continue to increase rather than diminish; a fact suggestive of whatever means can be taken to prevent a further extension of this very contagious malady. It appears to have been very fatal in the houses and streets in (see Table V.) Harrow Road and North Wharf Road Districts, but by no means confined to the lower class of dwellings in this District. Whenever information has been obtained sufficiently early as to the seat of this disease, or a death has been recorded from this cause, the house was visited, and disinfection ordered forthwith, if not previously done.

Disinfection and Flushing of Sewers and Gullies.

Foul effluvia from the Sewers in Hereford Road have been much complained of, four of the gullies were therefore trapped, but during dry weather smells still escape through these openings here, as well as in many other parts. In the month of August, sewers and gullies were extensively flushed throughout the Parish with dilute Carbolic Acid. Improvements have been suggested for the flushing of the public urinal in Uxbridge Road, where the smell was a nuisance to the persons opposite. The usual number of Sanitary Orders and Works have been completed.

TABLE II.

DEATHS FROM ZYMOTIC AND OTHER DISEASES during 13 weeks ending September 25th, 1869.

Weeks. ending	Small-Pox.	Measles.	Scarlatina.	Diphtheria, Quinsy & Croup.	Whooping Cough	Typhus, Infantile and other Fevers.	Carbuncle, Erysipelas and Pyæmia.	Dysentery and Diarrhoea.	Cholera.	Phthisis and Tubercular Dis.	Bronchitis and Pneumonia.	Other Diseases.	Accidents and Violent Deaths.	Total.
July 3	3	...	...	3	...	...	...	5	5	17	...	33
" 10	3	...	2	1	...	...	...	7	2	20	1	36
" 17	1	...	...	...	...	6	...	3	...	18	4	32
" 24	...	1	1	...	...	3	...	7	...	6	7	15	...	40
" 31	8	...	5	...	10	...	23
Aug. 7	...	1	4	...	...	...	...	10	...	6	2	21	1	45
" 14	2	...	6	1	26	1	36
" 21	2	...	...	...	...	3	...	3	...	19	1	28
" 28	3	...	...	2	...	1	...	5	3	21	1	36
Sept. 4	4	...	...	...	...	1	...	6	1	14	2	28
" 11	...	1	5	...	...	1	...	2	...	17	6	11	1	34
" 18	4	...	1	1	...	3	...	2	2	19	2	34
" 25	4	1	1	1	...	...	...	5	5	14	...	31
TOTALS	...	3	34	1	4	12	...	43	...	66	34	225	14	436

* These Cases stand on the Register thus:—Low Fever; Fever from Age and Diseases; Hæmorrhage, Typhoid Fever; Gastric Bronchitis, Typhoid Fever; Typhus Fever; Enteric Fever; Typhus, Tumour, Hæmorrhage, Fever.

TABLE III.

SUMMARY OF SANITARY WORK, Quarter ending October 1st, 1870.

I.—Inspections consequent on Nuisances, Complaints, and Offensive and Injurious Trades.	{	Houses and Places Inspected with respect to their Sanitary State	93
		Orders issued for Sanitary Works	113
		Works done	121
		Works in progress	2
		Inspections of Offensive Trades	17
		„ Mews and Manure Wharves	51
		„ Cow-houses	24
		„ Slaughter-houses	20
		„ Bake-houses	7
		„ Mortuary or Dead-house almost daily ..	—
		„ Provision Markets every Saturday	—
		„ Churches, Chapels and Schools	1
		„ Factories, Work-rooms and other Public Institutions	7
„ Small-Pox Conveyance used	4		
II.—Systematic Sanitary Inspection of Dwellings	{	Houses and Premises visited and inspected	171
		Re-inspections	92
		Orders issued for Sanitary Works	92
		Works executed	85
		Formal Orders issued by the Vestry	4
III.—Attendances upon Magistrates, Surveyor, at the Police, Coroner's Courts, and Licensing Meetings.	{	Attendances	7
		Summonses	7
		For obtaining Summonses	7
		„ hearing „	7
		Letters written and received	32

Nuisances and Complaints during the Quarter ending September 25th, 1869.

The register book of complaints and nuisances contains 174 cases, which admit of the following classification:—

Defects of drainage and untrapped gulleys.	32
„ „ water supply	6
Dirty state of premises, water closets, urinals, stagnant water, percolations, &c.	38
Offensive trades, marine stores, frying of fish, ballast burning, bad meat, &c.	24
Overcrowding and bad ventilation	—
Smoke nuisances	2
Animals being dirtily kept, and noises from .	4
Smells from the Canal Basin	—
Accumulation and deposit of manure, garbage, refuse, dust, dung, &c.	50
Smells from decaying and putrid substances .	1
Defective cleansing of Roadways	—
Dangerous Structure	—
Miscellaneous other complaints	17
	<hr/> 174 <hr/>

These Complaints received almost immediate attention.

TABLE IV.

MORTALITY OF THE PARISH OF PADDINGTON during the Quarter ending
September 25th, 1869.

Causes of Death.	Ages.						Total.	Causes of Death.	Ages.						Total.
	Under 5 Years.	5 and under 20	20 and under 40	40 and under 60	60 and under 80	80 and above			Under 5 Years.	5 and under 20	20 and under 40	40 and under 60	60 and under 80	80 and above	
I. ZYMOTIC.								Brought forward	156	37	48	41	36	3	321
Order 1—MIASMATIC.								Order 4—ORGANS OF DIGESTION.							
Small-pox	3	..	..	..	..	..	3	Dispepsia .....	..	..	1	..	..	..	1
Measles	27	9	..	..	..	..	36	Abcess of Liver .....	..	..	1	..	..	..	1
Scarlatina .....	..	..	..	..	..	..	..	Enteritis	1	..	..	..	1	..	2
Diphtheria	1	1	..	..	..	..	2	Peritonitis .....	..	..	..	..	..	..	..
Croup	5	..	..	..	..	..	5	Cancer of Rectum .....	..	..	1	..	..	..	1
Whooping Cough .....	..	3	4	2	2	..	11	Ulceration of Stomach ..	..	..	..	1	..	..	1
Typhoid Fever	2	..	2	2	..	..	6	Fistula in Ano .....	..	..	1	..	..	..	1
Typhus Fever .....	..	..	..	..	1	..	1	Hernia .....	..	..	..	..	..	..	..
Erysipelas .....	..	..	1	..	..	..	1	Cirrhosis .....	..	..	..	2	..	..	2
Metria (Puerperal Fever) ..	..	..	..	..	..	1	1	Icterus .....	..	1	..	1	1	..	3
Dysentery	43	1	1	3	..	..	48	Abdominal Tumour .....	..	..	1	1	..	..	2
Diarrhoea .....	..	1	..	..	..	..	1	Diseases of Liver .....	..	..	2	5	..	..	7
Cholera	4	..	..	..	..	..	4	Cancer of Liver .....	..	..	..	1	..	..	1
Choleric Diarrhoea .....	..	..	..	..	..	..	..	Order 5—URINARY ORGANS.							
Order 2—ENTHETIC.								Bright's Disease .....	..	..	..	2	4	..	6
Syphilis	2	..	..	..	..	..	2	Disease of Kidneys .....	..	..	..	2	1	..	3
Hydrophobia .....	..	..	..	..	..	..	..	Disease of Bladder .....	..	..	1	..	..	..	1
Order 3—DIETIC.								Disease of Prostate .....	..	..	..	..	1	..	1
Privation .....	..	..	..	..	..	..	..	Albumenuria .....	..	..	2	..	..	..	2
Want of Breast Milk ..	6	..	..	..	..	..	6	Diabetes .....	..	..	..	..	..	..	..
Purpura .....	..	1	..	..	..	..	1	Order 6—UTERUS AND OVARIES.							
Alcoholism:—								Ovarian Dropsy .....	..	..	..	..	..	..	..
a. Del. Tremens ..	..	..	..	..	..	..	..	Other Diseases .....	..	..	1	..	1	..	2
b. Intemperance ..	..	..	..	..	..	..	..	Cancer of Uterus .....	..	..	2	1	..	..	3
Lead Poisoning .....	..	..	..	..	..	..	..	Order 7—ORGANS OF LOCOMOTION.							
Order 4—PARASITIC.								Disease of Joints .....	..	1	..	..	..	..	1
Thrush	4	..	..	..	..	..	4	Disease of Bones .....	..	1	..	1	..	..	2
II. CONSTITUTIONAL.								Order 8—INTEGUMENT.							
Order 1—DIATHETIC.								Phlegmon .....	..	..	..	..	1	1	2
Gout .....	..	..	..	..	1	..	1	Gangrene .....	..	..	..	..	1	..	1
Dropsy .....	..	1	2	..	3	..	6	Cutaneous Diseases .....	..	..	..	..	..	..	..
Cancer .....	..	..	..	..	..	..	..	IV. DEVELOP- MENTAL.							
Order 2—TUBERCULAR.								Order 1—OF CHILDREN.							
Marasmus	12	..	..	..	..	..	12	Premature Birth	12	..	..	..	..	..	12
Scrofula	4	..	..	..	..	..	4	Malformation of the Heart	2	..	..	..	..	..	2
Tuberculosis	2	1	..	1	..	..	4	Other Malformations ..	..	..	..	..	..	..	..
Tabes Mesenterica	6	..	..	..	..	..	6	Teething	2	..	..	..	..	..	2
Consumption	9	8	27	8	..	..	52	Order 2—OF ADULTS.							
Hydrocephalus, &c.	7	2	..	..	..	..	9	Childbirth .....	..	..	4	1	..	..	5
III. LOCAL.								Order 3—OF OLD PEOPLE.							
Ord. 1—NERVOUS SYSTEM								Old Age, natural decay ..	..	..	..	10	8	..	18
Disease of Brain	1	..	1	..	1	..	3	Order 4—DISEASES OF NUTRITION.							
Apoplexy .....	..	..	..	3	7	..	10	Atrophy	5	..	..	..	..	..	5
Paralysis .....	..	..	..	2	5	1	8	Exhaustion, Anæmia ..	10	..	..	..	..	..	10
Insanity .....	..	..	..	..	..	..	..	V. VIOLENT DEATHS.							
Epilepsy .....	..	..	..	..	1	..	1	Order 1—ACCIDENTS AND NEGLIGENCE.							
Convulsions	7	..	..	..	..	..	7	Fractures & Contusions.	..	..	1	1	2	..	4
Tetanus .....	..	..	..	..	..	..	..	Chloroform .....	..	..	..	..	..	..	..
Effusion on Brain	3	..	1	..	..	..	4	Burns and Scalds .....	..	3	..	..	1	..	1
Order 2—ORGANS OF CIRCULATION.								Drowning .....	..	1	..	..	..	..	1
Rheumatic Carditis	2	3	..	1	..	..	6	Suffocation	2	..	..	..	..	..	2
Aneurism .....	..	..	..	..	1	..	1	Accidental Poisoning ..	1	..	..	1	..	..	2
Disease of Heart .....	..	3	1	8	8	..	20	Order 2.—HOMICIDE.							
Fatty Heart .....	..	..	..	..	..	..	..	Infanticide	4	..	..	..	..	..	4
Order 3—ORGANS OF RESPIRATION.								Suicide .....	..	..	1	..	..	..	1
Asthma .....	..	..	..	..	3	..	3	No Specified Cause .....	..	..	..	..	..	..	..
Laryngismus .....	..	..	..	..	..	..	..	TOTALS.....	195	41	58	59	70	13	436
Bronchitis .....	..	3	3	6	3	1	16								
Pleurisy .....	..	..	..	1	..	..	1								
Pneumonia	3	..	4	2	..	..	9								
Asthma Tumour .....	..	..	..	..	..	..	..	
Other Diseases	3	..	1	2	..	..	6								
Carried forward	156	37	48	41	36	3	321								

TABLE V.

LOCALITIES in which Deaths from Zymotic and other Diseases have been recorded during the Quarter ending September 25th, 1869.

Streets, Districts and Hospitals.	Small-Pox.	Measles.	Scarlet Fever.	Diphtheria, &c.	Whooping Cough.	Typhus & other Fevers.	Erysipelas, &c.	Diarrhoea, &c.	Phthisis, &c.	Bronchitis, Pneumonia, &c.	Violent Deaths.	Other Diseases.	TOTAL.
St. Mary's Hospital	5	..	..	3	4	7	18	37
Paddington Workhouse	2	..	..	6	5	..	7	20
Lock Hospital
Praed Street, including (1)	1	1	1	..	..	4	6	4	..	11	28
Harrow Road & N. W. Road (2)	12	..	1	2	..	5	4	1	..	7	32
Hall Park District (3)	5	..	..	..	..	2	2	3	..	5	17
Amberley Road District (4)	2	3	1	..	6	12
Kilburn District (5)	1	..	..	..	..	..	..	..	..	4	5
Clarendon Street	5	2	..	..	4	11
Woodchester Street	1	8	3	..	2	14
Cirencester Street	1	..	..	..	..	2	2	2	..	..	7
Brindley Street	1	..	..	..	..	..	..	..	2	..	1	4
Hampden Street, &c. (6)	3	1	1	1	..	3	9	2	..	7	27
Westbourne Terrace North, &c. (7)	2	..	..	..	..	6	2	1	..	5	16
Woodfield Road, &c. (8)	1	..	..	1	1	..	4	2	1	..	4	14
Moscow Road, Salem Gardens, &c. (9)	1	3	..	..	..	..	1	..	2	..	7	14
Squares and Mansions (10)	2	..	..	1	..	1	4	4	1	28	41
Mews and Stables	1	..	5	5	4	1	10	26
Other Places, including (11)	6	..	1	4	..	11	10	5	5	69	111
TOTALS.....	..	3	36	2	5	17	..	52	68	44	14	195	436

- [1.] South Wharf Road, Union-Pl., Stanley-St., Francis-St., Cambridge-Pl., Junction-Pl., Market-St., Sale-St., Star-St., Bouverie-St., York Row, Titchborne Row.
- [2.] Edgware Road, Church Place, Hermitage Street, Dudley Street, Kent's Place, Willings Place, Victoria and Albert Street, Green Street, North Wharf Road, Iron Gate Wh.-Rd., White Lion Place, Alfred Place, Vine Cottages, Edgware Place.
- [3.] Hall Place, Cuthbert Street, Howell Street, Charlotte Place, Church Street, Crompton Street, Braithwaite Place, Campbell Street, Hethpool Street, Hero Place.
- [4.] Netley Street, and Amberley Wharves, 7 Houses in St. Leonard's Gardens.
- [5.] Andover Place, Kilburn Park Road, Queen's Arms Yard, Elgin Terrace, Maida Vale, Carlton Place, Canterbury Terrace, Lanark Villas.
- [6.] Alfred Road, Waverley Road, Orchard Street, Waverley-Ter. and Desboro'-Ter.
- [7.] Senior Street, Emily Street, Philip Terrace, Dartington Terrace, Hasboro' Street Ranelagh Road, Westbury Terrace, Cottage Road, Westbourne Park Crescent.
- [8.] Woodfield Place, Windsor Gardens and Street, John Street, Chippenham Terrace, Frankfort Terrace, Kensal New Town, Carlton Terrace, Goldney Road.
- [9.] Pickering-Pl., Albert-Ter., Douglas-Pl., Caroline-Pl., Dove Cottages, Bark-Pl., Poplar-Pl., Chapel Side, Victoria-Pl.
- [10.] Westbourne-Ter., Gloucester-Pl., Sq. & Terr., Porchester-Ter., Crest & St., Craven Hill & Gardens, Lancaster Gate, Hyde-Pk.-Sq., Hyde-Pk.-Gar., Inverness-Ter., Queensboro'-Ter., Cleveland Terrace, Square, and Gardens, Sussex Gardens and Road.
- [11.] Houses in Streets not under special inspection, inhabited generally by one family only.

The result of systematic Sanitary Inspection enables me to add the following record of Streets and Places to the list published in former Reports :—

Streets Inspected Systematically.	No. of Houses Inspected.	No. of Holdings.	No. of Rooms.	No. of Adults.	No. of Children.	Average No. of persons living in		Total No. of Inhabitants in the Streets.	Average Cubic Space in each House.	Average Cubic Space for each person.	Cubic Space of inhabited Dwellings.	Average No. of Doors, Windows, Chimnies.			Defects in Water supply.	Defects in W.C. Apparatus.	Defects in Traps & Drains.	Defects in Cleansing of		No. of Sanitary Orders issued.
						each house,	each room.					D.	W.	C.				Yards.	Houses.	
Courts leading out of Harrow Road.																				
Alfred Place (Harrow Rd.)	11	17	22	29	36	5.9	3.	65	1840	312.	...	1	2	2	3	1	2	4	2	3
Vine Cottages (do.)	5	6	10	14	14	5.6	2.8	28	1760	314.	...	1	2	2	...	2	2	3	2	5
White Lion Place (do.)	13	33	48	64	47	9.3	2.5	121	2864	307.8	...	2	5	4	...	2	1	2	...	4
White Lion Passage (do.)	10	7	10	22	9	3.1	3.1	31	1309	429.	...	2	2	2	...	2	5	2	4	5
Newland Row	7	12	28	25	31	8.	2.	56	4533	566.	...	2	4	4	...	...	...	...	2	5
Carlton Place .....(5).....	16	28	66	51	57	6.7	1.7	108	6024	...	...	2	9	6	...	3	...	2	...	5
Church Place .....(1).....	17	76	104	142	34	13.3	3.1	326	5575	419.3	...	2	8	6	...	5	2	6	10	11
Dudley Street .....(2).....	26	71	104	139	96	9.	2.2	235	3258	369.4	...	2	5	4	...	9	6	2	2	13
Hermitage Street ... (3).....	25	60	165	123	60	7.3	1.1	183	2329	319.6	...	2	4	4	...	1	1	3	...	2
Willing's Place .....(4).....	13	38	64	47	63	10.7	2.2	140	4522	...	...	2	6	6	4	4	3	6	6	10
Kent's Place .....(5).....	8	35	54	63	65	16	2.5	128	6776 4546 }	...	...	2	6	6	...	...	4	...	3	5
TOTALS.....											...									

The following notes are supplementary to the information given in above table :—

1. These houses are inhabited principally by persons engaged on the dust wharves, very dirty and poor. 5. Several cases of scarlet fever have occurred here lately, formerly there was small-pox. Great improvement have been effected in them by sanitary works. Overcrowding also abated. 2 & 3. These houses are getting very dilapidated, some are over-crowded, and the people very dirty. 4. There has been a good deal of illness here at times, less lately—the houses are overcrowded, people improvident. Many pauper cases have been treated here by the Parochial Medical Officers.

SYSTEMATIC HOUSE TO HOUSE INSPECTION.

TABLE VI.

The Canal Basin.

IN consequence of the very imperfect manner in which the cleansing of the Canal Basin was performed in May last, and with a view of suggesting better arrangements for the future, I wrote to the Secretary of the Company, enclosing a copy of my Special Report made in July 1868. As a large number of persons are interested in knowing what was done, and what further steps should be taken to abate this long standing nuisance, I would ask them to refer to that document which contains four special recommendations for preventing the recurrence of so dangerous a nuisance in the centre of a populous district.

So inefficient was the cleansing in May, that in four weeks after the operation, the water began to show signs of putrifactive fermentation.

The following are the four recommendations alluded to, which I am prepared to insist upon for the effectual abatement of the Canal Nuisance :—

1. The Board of Works must withdraw the restriction they now place upon the Company draining water from the canal, and give permission to drain into the sewers in the ordinary manner, with proper precautions. The necessity for making timely and effectual arrangements for the protection of the lives of men working in the main sewers was the original ground for demanding 72 hours notice from the engineer of the Canal Company. Such a notice is unreasonable, and it is doubtful whether any danger would arise from any efflux of water into the sewers from the canal even if no notice at all were given—for a sudden storm will let more water into the sewers in a short space of time, and causes greater danger, if any, while it is found practically that the men have ample time to take care of themselves.

2. The second recommendation was enforcement of Bye-Laws, by which all persons who wilfully or carelessly neglect, shall be subject to a penalty. The Canal Company have in their own hands means of preventing evils which the Sanitary Committee are perpetually struggling to remedy. An efficient Water Baliff should be appointed ; he would have a marvellous effect in a short time in checking many of the present mal-practices with regard to loading, in preventing those accumulations and detentions of offensive matters, and reckless loading on the wharves, which cause nearly all the mischief. This has been done to some extent this year.

3. A third recommendation which the Sanitary Committee ask to be carried out by the Company, is an increased water-closet and urinal accommodation for the numerous men, women

and families employed both on the wharves, and living on the barges. This has been effectually done.

4. A fourth recommendation consists in the adoption of a more regular and systematic plan of cleansing once or twice a year. Cleansing once a year would probably be satisfactory, if other precautions and suggestions were carried out, and the cleansing operations were done in a more complete manner, viz., in accordance with the following suggestions;—It is quite practicable to let off the water from the basin during the night, to fill the barges with mud, which in a few hours will be ready for loading; the boats can be filled and made ready for floating off in the afternoon, when the water could be let in to take them away. With a proper and vigilant arrangement beforehand, this has been, and can at any future time be accomplished. The practice of partly loading a few barges, and of throwing up the remainder of the putrid mud on the wharves or bank is highly objectionable, and ought not to be permitted in hot weather. It not only calls for much additional labour, but the offensive mud lying some days exposed to the sun on the banks until the owners of each wharf can take it away, is a dangerous practice, and altogether unnecessary. Between 30 and 40 barges are required to be in readiness, moored over night in the middle of the Canal, and a gang of men, will in a few hours load all the mud within range of them. One perfect cleansing would make much easier, and quicken all future operations.

From want of these preconcerted arrangements, the letting off and refilling of the Canal, has on several former occasions been inconvenient, ineffectual and dangerous. Such precautions and arrangements for the work to be done speedily, will render less necessary any process of deodorization, that would otherwise be safer to adopt in the hot months of summer.

The following Publications and Papers in relation to Public Health have been received during the last Quarter:—

Have you been Vaccinated, and what protection is it against Small Pox? by W. J. Collins, M.D.

Reports of Medical Officers of Health:—St. Mary's Islington, by Ed. Ballard, M.D., Lond.; St. George's, Hanover Square, by J. Aldis, M.D., M.A., &c.; St. Marylebone, by J. Whitmore, M.D., &c.; of St. Giles's District, 1868, by George Ross, M.D., &c.; of St. James', Westminster, by E. Lankester, M.D., &c.; of Whitechapel, by J. Liddle, Esq.

Weekly, Monthly and Quarterly Returns of the Registrar-General for England, and for Scotland. Poor Rates and Pauperism Returns.

The Workshop Regulation Acts, 1867, made as easy as possible for Masters, Workpeople and Parents, by Robert Baker, Esq., H.M. Inspector of Factories.

The Factory Acts of 1853, 1856 and 1857, made easy.

Sixth Annual Report of the Coroner for Central Middlesex, by Edwin Lankester, M.D.

Report to the Health Committee of Liverpool on Abattoirs (Paris and Brussels), by W. J. Newland, C.E.

R E P O R T

ON THE

HEALTH OF PADDINGTON

FOR THE QUARTER ENDING

CHRISTMAS, 1869,

BY WM. HARDWICKE, M.D.,
Medical Officer of Health.

Printed by Order of the Vestry.

Vestry Hall; Jan. 1870.

TABLE I.

SUMMARY OF WEEKLY RETURN OF BIRTHS AND DEATHS from Oct. 2nd,
1869 to January 1st, 1870.

Week ending	ST. MARY'S.		ST. JOHN'S.		TOTALS.	
	Births.	Deaths.	Births.	Deaths.	Births.	Deaths.
October 2	35	20	10	8	45	28
" 9	38	22	13	11	51	33
" 16	35	13	17	18	52	31
" 23	38	11	20	12	58	23
" 30	51	23	11	11	62	34
November 6	34	21	10	4	44	25
" 13	33	13	11	9	44	22
" 20	48	27	13	21	61	48
" 27	39	15	18	17	57	32
December 4	38	26	9	15	47	41
" 11	47	20	13	10	60	30
" 18	42	22	15	11	57	33
" 25	33	17	14	14	44	31
January 1	35	29	9	20	44	49
	543	279	183	181	726	460

The mortality of this quarter (including 14 weeks) is very low, amounting to 460 deaths, or at a rate of only 18.0 per 1000 of the estimated population. The births are 726, or 28.8 per 1000. The Zymotic diseases were fatal to 94 persons, chiefly young children; Small Pox 1, Measles 9, Scarlet Fever 44; Hooping Cough 1, Fever 8, Diarrhœa 16. The epidemic of Scarlet Fever has been severe in most parts of London, and still prevails here. The Tubercular diseases 75, (including 46 cases of Consumption) are rather lower than the average. Inflammatory Diseases of the Chest, Bronchitis, Pneumonia and Pleurisy did not reach their usual weekly average; 59 only during the quarter have been recorded. The deaths in young children (102) are also lower than usual; showing throughout the quarter (except from Scarlet Fever) a very favorable state of the public health.

Nuisances and Complaints.

The register book of complaints and nuisances contains 123 cases, which admit of the following classification :—

Defects of drainage and untrapped gulleys.	16
„ „ water supply	4
Dirty state of premises, water closets, urinals, stagnant water, percolations, &c.	17
Offensive trades, marine stores, frying of fish, ammoniacal liquor, bad meat, &c.	1
Overcrowding and bad ventilation	1
The state of the dead house... ..	26 visits.
Smoke nuisances	0
Animals being kept, and noises from	2
Smells from the Canal Basin	0
Accumulation and deposit of manure, garbage, refuse, dust, dung, &c.	39
Smells from decaying substances... ..	7
Miscellaneous other complaints	10
	<hr/> 123 <hr/>

Arrest of Fever, &c.

In November, the Medical Officer of the Privy Council issued a Circular, inquiring what steps were taken in this Parish for carrying out the Disinfection Clauses of the Sanitary Act of 1866, as a means of arresting the progress of fever, prevailing in most parts of the Metropolis. In reply, the Lords of the Privy Council were informed that no cases had occurred in this Parish, and that in the event of fever or any epidemic arising, the Sanitary Committee were prepared to recommend to the Vestry the adoption of Clause 10 of the Sanitary Amendment Act.

Out-Patient Department of Hospitals and Dispensaries.

In December I prepared a Report on the Ventilation and accommodation for Out-Patients in the Hospitals, Dispensaries, and Workhouse of this Parish, with a view more particularly of ascertaining what risk, if any, exists of propagating contagious diseases from patients in the waiting rooms. Some alterations and improvements in the rooms were effected in consequence of this inquiry. The Sanitary Committee therefore decided not to take further action upon the matter.

TABLE III.

SUMMARY OF SANITARY WORK, Quarter ending Jan. 1st, 1870.

I.—Inspections consequent on Nuisances, Complaints, and Offensive and Injurious Trades.	Houses and Places Inspected with respect to their Sanitary State		132
	Orders issued for Sanitary Works		123
	Works done		147
	Works in progress		—
	Inspections of Offensive Trades		13
	„ Mews and Manure Wharves		48
	„ Cow-houses		24
	„ Slaughter-houses		26
	„ Bake-houses		10
	„ Mortuary or Dead-house		27
	„ Provision Markets		13
	„ Churches, Chapels and Schools		4
	„ Factories, Work-rooms and other Public Institutions		10
	„ Small-Pox Conveyance		—
II.—Systematic Sanitary Inspection of Dwellings	Houses and Premises visited and inspected		342
	Re-inspections		78
	Orders issued for Sanitary Works		78
	Works executed		95
	Formal Orders issued by the Vestry		—
III.—Attendances upon Magistrates, Surveyor, at the Police, Coroner's Courts, and Licensing Meetings.	Summonses		5
	For obtaining Summonses		5
	„ hearing „		5
	Letters written		20
	Fines and Penalties paid.....		£9:15:6

TABLE IV.

DEATHS FROM ZYMOTIC AND OTHER DISEASES during 14 weeks ending Jan. 1st, 1870.

Weeks ending	Small-Pox.	Measles.	Scarlatina.	Diphtheria, Quinsy & Croup.	Whooping Cough.	Typhus, Infantile and other Fevers.	Carbuncle, Erysipelas and Pyæmia.	Dysentery and Diarrhoea.	Cholera.	Phthisis and Tubercular Dis.	Bronchitis and Pneumonia.	Other Diseases.	Accidents and Violent Deaths.	Total.
Oct. 2.	3	..	2	..	1	4	...	3	1	12	2	28
„ 9.	2	...	3	...	7	5	15	1	33
„ 16.	4	1	...	1	...	1	...	4	1	10	9	31
„ 23.	4	1	2	...	...	1	...	2	...	13	...	23
„ 30.	3	...	...	...	...	1	...	4	4	19	3	34
Nov. 6.	..	1	3	..	..	...	...	1	...	6	1	11	2	25
„ 13.	2	...	...	1	1	...	...	2	4	11	1	22
„ 20.	...	2	6	...	1	1	...	1	...	2	7	24	4	48
„ 27.	2	1	...	1	...	...	...	11	5	12	...	32
Dec. 4.	8	...	...	1	...	1	...	8	5	18	...	41
„ 11.	...	1	2	...	1	...	...	...	...	4	6	14	2	30
„ 18.	3	...	1	1	...	1	...	5	7	15	...	33
„ 25.	1	...	2	1	1	...	1	...	...	5	8	12	...	31
Jan. 1.	...	5	2	...	...	...	1	2	...	7	9	22	1	41
	1	9	44	4	8	8	4	16	...	70	63	208	25	460

The Books of the Parochial Medical Officers, of the Star Street and Kilburn Dispensaries, and Returns sent by a few private Medical practitioners have been examined. The unusual number of cases of scarlet fever, indicating its epidemic character, is the only feature in the state of public health of this District that calls for remark.

TABLE V.

LOCALITIES in which Deaths from Zymotic and other Diseases have been recorded during the Quarter ending Jan. 1st, 1870.

Streets, Districts and Hospitals.	Small-Pox.	Measles.	Scarlet Fever.	Diphtheria, &c.	Whooping Cough.	Typhus & other Fevers.	Erysipelas, &c.	Diarrhoea, &c.	Phthisis, &c.	Bronchitis, Pneumonia, &c.	Violent Deaths.	Other Diseases.	TOTAL.
St. Mary's Hospital	2	..	..	1	2	..	2	5	8	26	45
Paddington Workhouse	11	3	..	11	25
Lock Hospital	1	..	1	2
Praed Street & S. Wharf-Rd. District, including (1)	3	..	..	..	4	..	1	6	4	..	13	31
Harrow-Rd & N. Wharf-Rd. District, including (No. 2)	5	..	1	2	..	1	3	6	..	9	27
Hali Park and adjoining Streets, including (3)	1	4	2	1	1	..	1	4	..	..	8	22
Amberly-Rd District, including (4)	1	..	1	..	..	..	1	2	..	1	6
Kilburn District, including (5)	1	1	1	..	..	..	..	2	3	..	2	10
Clarendon Street	2	..	2	..	2	6
Woodchester Street	4	..	..	..	5	9
Cirencester Street	2	..	..	..	..	..	2	2	1	3	10
Hampden Street, including (6)	1	..	..	..	..	2	5	6	..	6	20
Brindley Street	1	..	1	..	3	5
Westbourne-Ter. North and Streets, including (7)	2	..	1	..	..	..	1	5	..	5	14
Woodfield-Rd. District, including (8)	1	..	..	..	1	..	..	2	3	1	8	16
Moscow-Rd. & Salem Gardens District, including (9)	4	..	..	3	..	..	1	1	7	4	20
Mansions and Squares (10)	1	..	..	..	..	1	4	5	1	22	34
Mews, including (11)	2	5	3	1	..	..	1	2	5	2	10	31
All other Places, including (12)	1	1	16	4	3	1	2	5	20	12	4	56	125
TOTALS	1	9	44	10	8	13	4	19	66	66	25	195	460

- [1.] South Wharf Road, Union Street, Stanley Street, Francis Street, Cambridge Street, Market Street, Sale Street, Star Street, Bouverie Street, York Row, Titchborne Street.
- [2.] Edgware Road, Church Place, Hermitage Street, Dudley Street, Kent's Place, Willing's Place, Victoria and Albert Street, Green Street, North Wharf Road, Iron Gate Wharf, White Lion Passage, Edgware Place.
- [3.] Hall Place, Cuthbert Street, Howel Street, Charlotte Place, Old Church Street, Crompton Street, Braithwaite Place, Campbell Street.
- [4.] Netley Street, and Amberly Wharves:
- [5.] Andover Place, Kilburn Park Road, Queens Arms Yard, &c.
- [6.] Alfred Road, Waverley Road, Orchard Street.
- [7.] Senior Street, Emily Street, Philip Terrace, Dartington Terrace, Hasboro' Street, Ranelagh Road
- [8.] Woodfield Place, Windsor Gardens and Street, John Street, Kensal New Town.
- [9.] Douglas Place, Caroline Place, Bark Place, Poplar Place, Chapel Side.
- [10.] Westbourne-Ter., Gloucester-Pl., Porchester-Ter., Craven Hill and Gardens, Lancaster Gate, Hyde-Pk.-Sq., Hyde-Pk.-Gar., Inverness-Ter., Queensboro'-Ter., Cleveland Row, Square, and Gardens.
- [11.]
- [12.] Houses in Streets not under special inspection, inhabited generally by one family only.

TABLE VI.

SYSTEMATIC HOUSE TO HOUSE INSPECTION.

The completed results of Systematic Sanitary Inspection has this quarter enabled me to add details of the following Streets, which are herewith appended.

Streets Inspected Systematically.	No. of Houses Inspected.	No. of Holdings.	No. of Rooms.	No. of Adults.	No. of Children.	Average No. of persons living in		Total No. of Inhabitants in the Streets.	Cubic Space in each House.	Cubic Space for each person.	Cubic Space of inhabited Dwellings.	Doors, D.	Windows, W.	Chimnies, C.	Defects in Water supply.	Defects in W.C. Apparatus.	Defects in Traps & Drains.	Defects in Cleansing of		No. of Sanitary Orders issued.
						each house.	each room.											Yards.	Houses.	
Iron-Gate-Wharf*.....	8	34	44	72	32	1.3	2.3	104	5033	..	For 7h. 35,233	2	..	2	2	5	
Victoria Street	25	80	150	147	84	9.2	1.5	231	6887	745.3	172,175	..	3	6	3	3	3	3	8	
Albert Street.....	22	82	132	145	67	9.6	1.6	212	6773	702.8	149,006	..	..	3	4	3	3	9
Green Street	15	31	210	58	42	7.0	..	100	..	..	..	..	..	..	..	..	..	..
North Wharf Road*	45	139	219	284	170	7.18	1.6	354	4224 1766 5840	264.5 to 603.4	121,438	2 . 6 . 3 2 . 4 . 2 2 . 9 . 6	1	11	4	11	8	35		
Andover Place	19	45	108	88	76	8.6	1.5	164	..	..	..	..	1	1	..	2	..	4
Canterbury Terrace	24	81	128	147	144	12.1	..	291	9815	..	..	..	..	..	..	..	..	..
Lanark Place	10	7	23	19	5	2.4	..	24	3142	..	For 6 h. 18,852	2 . 0	1	1	..	2	1	5		
Portsmouth Place	5	13	25	25	22	4.5	1.8	47	..	..	..	..	..	1	..	..	..	1
Clarendon Terrace	16	61	128	120	60	11.2	..	180	11,270	..	180,320	3 . 12 . 8	..	..	1	4	..	8

* This group of streets and houses are mostly inhabited by persons engaged on the wharves, and although built originally as if each house were intended to be occupied by one family, it will be seen from the table that these houses contain an average of 8 to 13 persons. Sanitary Orders are numerous, indicative of grave defects and neglect; but it will be observed that the average cubic space is not up to the mark of what would be considered over-crowding. When epidemic maladies have been from time to time recorded in the books of the Parochial Medical Officers, inspection has been made forthwith, and the necessary orders given for disinfection.

Sanitary Inspection of Dwellings.

Systematic Sanitary inspection has been carried on during the quarter in the following places :—Polygon Mews, Stanley, Alexander, Lanark, and some other Mewses. Completed returns of several highly populated streets can now be added to those already published in my Quarterly Reports. North Wharf Road, Iron Gate Wharf, Carlton and Andover Place, in Table VI., are the worst conditioned places in the Parish of Paddington, and are constantly under sanitary inspection.

A Public Disinfecting Establishment.

On the 13th of November, the Sanitary and Public Health Committee directed me to report in detail the steps necessary for carrying out Disinfection in this Parish in an adequate and effectual manner. I refer to that report, which enters most fully into the subject, showing urgent need of a public disinfecting establishment, and the probability is of it being a self-supporting institution in this wealthy and populous Parish. The deaths from scarlet fever alone during the last 4 years have been 268, representing about ten times the actual cases of disease, scarcely any one of which, whether in the house of rich or poor, have had the opportunity of properly effecting the disinfection of woollen clothes, curtains, blankets, carpets and bedding which retain the contagion. Is it therefore surprising that the epidemic continues to extend? Persons are willing and anxious to pay for this accommodation. Sanitary Authorities do not pretend to carry out this kind of work for the people, inasmuch as, first, they know not of the whereabouts of the fresh cases as they appear; secondly, if they did, the proper responsibility lies with the persons themselves, except in cases of poverty, where powers are given to execute the duty. The consideration of the subject was postponed for six months.

Uses of Trees in Towns.

I was requested to report upon the alleged nuisance of trees overhanging the street in Victoria Place, Talbot Road. Amongst the minor nuisances complained of, were those of obstruction to light in some windows, and to gutters and gullies by falling leaves in Autumn. The benefit, however, of their shade in keeping rooms cool in summer, and above all, the purification of air by absorbing carbonic acid and exhaling pure oxygen, far outweigh any little inconvenience. I consider that trees in towns ought to be better protected and cared for by public authority. The Committee did not sanction the removal of the trees.

Opening of St. Mary's Church-yard.

A Committee, of which Mr. Greatorex is Chairman, was appointed in April, reported that they consider a Public Mortuary a necessary acquisition to this Parish, and that the most appropriate site exists at the North End of the Burial Ground, proposed to be opened to the Public.

That the keys of the Public Mortuary, or of the present dead house, and of the Burial Ground, should be kept exclusively by a man in charge of the Burial Ground, whose duties would require him to be always on the spot, and he should be required to live contiguous thereto. The Committee are of opinion that in order to render this improvement readily accessible to all parts of the Parish, a thoroughfare should be made into Cuthbert Street, Hall Park, from Manor Place, by taking down two houses at the end of Manor Place.

The following Publications and Papers in relation to Public Health have been received during the last Quarter:—

First Report of the Royal Sanitary Commission, up to August, 1869.

Justina's Letter in Reply to Miss Garrett's Defence of the Contagious Diseases Act; from the Pall Mall Gazette—1870

Prostitution; Governmental Experiments in controlling it; from the Westminster Review: by John Chapman, M.D. &c.

Contagious Diseases Act; That this Act be extended to the Civil Population: by W. Acton, M.R.C.S. &c;

The Parks, open spaces and Thoroughfares of London: by A. Mackenzie;

Suggestions for a National Return, &c. of Sickness: James Lewis, Registrar General's Office;

Journal of the American Social Science Association—1869, No 1—No. 2, 1870;

Science for the People: a Mem. on means for promoting Practical Knowledge amongst the Working Classes, and for promoting their Physical, Technical and Social Improvement: by Thomas Twining, one of the Vice-Presidents of the Society of Arts—1870.

London Fever Hospital Report, 1868—1869.

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REPORT

ON THE

HEALTH OF PADDINGTON

FOR THE QUARTER ENDING

LADY-DAY, 1870,

BY WM. HARDWICKE, M.D.,

*Medical Officer of Health.**Printed by Order of the Vestry.**Vestry Hall; May, 1870.*

TABLE I.

SUMMARY OF WEEKLY RETURN OF BIRTHS AND DEATHS from January 8th,
to April 2nd, 1870.

Week ending	ST. MARY'S.		ST. JOHN'S.		TOTALS.	
	Births.	Deaths.	Births.	Deaths.	Births.	Deaths.
January 8	41	33	20	18	61	51
" 15	33	27	19	18	52	45
" 22	35	29	8	13	43	42
" 29	41	25	11	20	52	45
February 5	38	27	11	16	49	43
" 12	38	22	26	15	64	37
" 19	44	22	11	14	55	36
" 26	30	31	21	13	51	44
March 5	41	28	19	25	60	53
" 12	57	33	27	19	84	52
" 19	39	24	17	13	56	37
" 26	28	20	17	12	45	32
April 2	35	46	11	9	46	55
	500	367	218	205	718	572

During the quarter ending April 2nd 572 deaths were registered in the two registration districts,—St. Mary's, 367; St. John's, 205. The births were 718. The deaths are more than 100 in excess of the usual amount.

The deaths from epidemic diseases were 92, or 16.07 per cent. of the whole deaths, being an average of the three last quarters and not in excess of former ones. Ten deaths were from measles, 31 from scarlet fever, 22 from whooping cough, 11 from diarrhoea, 16 from fever. This last item requires explanation: it includes deaths returned as: *gastric* fever 3; *brain* fever 2; *nervous* fever 1; *typhoid* fever 8. I believe there are no true cases of typhus. The typhoid are doubtful and complicated with other diseases.